



GEORGE STRATTON

GEORGE STRATTON

63/4

1260

295

295

260

295

295

260

302

302

860

850

760

90

190

950

90

190

49

4 1/2

190

90

760

1400

1400

NOTICE

4 1/2

14.50

9

13.80

7.25

6.55

125

65.25

28.81

4.90

May 26 - 1894

Dear

We made our first
port 96 days out
We made our second
port.

We made our third
port.

THE STANDARD

DIARY



❖ PUBLISHED ❖
FOR THE TRADE

We were out 184 days
Nov 1 - 1894

We were out 214 days
out Dec. 1 - 1894

We were out 245
days Jan 1 - 1895

We were out 276
days Feb. 1 - 1895

We were out 304
days March 1 - 1895

We were out 427
days Aug 1 - 1895

We were out 455
days Sept 1 - 1895

CALENDAR. 31

1894.

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
JAN.	1	2	3	4	5	6	7	JULY.	1	2	3	4	5	6	7
FEB.	8	9	10	11	12	13	14	AUG.	8	9	10	11	12	13	14
MAR.	15	16	17	18	19	20	21	SEPT.	15	16	17	18	19	20	21
APRIL.	22	23	24	25	26	27	28	OCT.	22	23	24	25	26	27	28
MAY.	29	30	31	1	2	3	4	NOV.	29	30	31	1	2	3	4
JUNE.	5	6	7	8	9	10	11	DEC.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18		12	13	14	15	16	17	18
	19	20	21	22	23	24	25		19	20	21	22	23	24	25
	26	27	28	29	30	31	1		26	27	28	29	30	31	1
	2	3	4	5	6	7	8		2	3	4	5	6	7	8
	9	10	11	12	13	14	15		9	10	11	12	13	14	15
	16	17	18	19	20	21	22		16	17	18	19	20	21	22
	23	24	25	26	27	28	29		23	24	25	26	27	28	29
	30	31	1	2	3	4	5		30	31	1	2	3	4	5
	6	7	8	9	10	11	12		6	7	8	9	10	11	12
	13	14	15	16	17	18	19		13	14	15	16	17	18	19
	20	21	22	23	24	25	26		20	21	22	23	24	25	26
	27	28	29	30	31	1	2		27	28	29	30	31	1	2
	3	4	5	6	7	8	9		3	4	5	6	7	8	9
	10	11	12	13	14	15	16		10	11	12	13	14	15	16
	17	18	19	20	21	22	23		17	18	19	20	21	22	23
	24	25	26	27	28	29	30		24	25	26	27	28	29	30
	31	1	2	3	4	5	6		31	1	2	3	4	5	6

Walter D. Simon

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4	In.	make 1 Hand.	3	Feet	make 1 Yard.
7.92	In.	" 1 Link.	5½	Yds.	" 1 Rod or Pole
18	In.	" 1 Cubit.	40	Poles	" 1 Furlong.
12	In.	" 1 Foot.	8	Fur.	" 1 Mile.
6	Ft.	" 1 Fathom.	69	1-6 Miles	make 1 Degree.
60 Geographical Miles make 1 Degree.					
1760 Yards } = 1 Mile.					
5280 Feet }					

MEASURE OF SURFACE.

144	Square Inches	make 1 Square Foot.
9	Square Feet	" 1 Square Yard.
30¼	Square Yards	" 1 Rod, Perch or Pole.
40	Square Rods	" 1 Square Rood.
4	Square Roods	" 1 Square Acre.
10	Square Chains	" 1 Square Acre.
640	Square Acres	" 1 Square Mile.
Gunter's Chain equal to 22 Yards or 100 Links.		
272¼	Square Feet	make 1 Square Rod.
43,560	Square Feet	" 1 Acre.

MEASURE OF SOLIDITY.

1728	Cubic Inches	make 1 Cubic Foot.
27	Cubic Feet	" 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27½	Grains	make 1 Drachm (dr.) or	27½	Grains.
16	Drachms	" 1 Ounce (oz.) or	437½	"
16	Ounces	" 1 Pound (lb.) or	7000	"
28	Pounds	" 1 Quarter (qr.)		
4	Quarters	" 1 Hundred-Weight (cwt.)		
20	Cwts.	" 1 Ton.		
2240	Pounds	" 1 Ton.		

TROY WEIGHT.

24	Grains	make	1	Pennyweight,	or	24	Grains.
20	Pennywts.	"	1	Ounce,	or	480	"
12	Ounces	"	1	Pound,	or	5760	"

APOTHECARIES' WEIGHT.

20	Grains	make 1 Scruple.	8	Drachms	make 1 Ounce.
3	Scruples	" 1 Drachm.	12	Ounces	" 1 Pound.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire.	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts,	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut...	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York....	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey...	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania..	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware .....	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

INTEREST TABLE.

FOUR PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	$\frac{1}{2}$	$3\frac{1}{2}$	33
5 "	0	0	0	0	0	0	0	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$5\frac{1}{2}$	56
10 "	0	0	0	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1	1	1	1	11	111
1 Mo.	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	33	333
2 "	$\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$5\frac{1}{2}$	6	$6\frac{1}{2}$	67	667
3 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
4 "	$1\frac{1}{2}$	$2\frac{1}{2}$	4	$5\frac{1}{2}$	$6\frac{1}{2}$	8	$9\frac{1}{2}$	$10\frac{1}{2}$	12	$13\frac{1}{2}$	1 33	13 33
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 Yr.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	1	1	1	7	69
10 "	0	0	0	0	1	1	1	1	1	$1\frac{1}{2}$	14	139
1 Mo.	$\frac{1}{2}$	1	1	2	2	3	3	3	4	4	42	417
2 "	1	$1\frac{1}{2}$	3	3	4	5	6	7	8	8	83	833
3 "	1	$2\frac{1}{2}$	4	5	6	8	9	10	11	13	1 25	12 50
4 "	$1\frac{1}{2}$	3	5	7	8	10	12	13	15	17	1 67	16 67
6 "	$2\frac{1}{2}$	5	8	10	13	15	18	20	23	25	2 50	25 00
9 "	$3\frac{3}{4}$	$7\frac{1}{2}$	11	15	19	23	26	30	34	38	3 75	37 50
1 Yr.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	1	5	50
5 "	0	0	0	0	0	1	1	1	1	1	8	83
10 "	0	0	1	1	1	1	1	1	2	2	17	167
1 Mo.	$\frac{1}{2}$	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	$1\frac{1}{2}$	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
9 "	$4\frac{1}{2}$	9	14	18	23	27	32	36	41	45	4 50	45 00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

INTEREST LAWS OF ALL THE STATES.

STATES AND TERRITORIES.	PENALTY OF USURY.	Legal.	Special.
Alabama	Loss of interest	8	.....
Alaska	Forfeiture of debt	8	10 per ct.
Arizona	No Penalty	7	No limit.
Arkansas	Forfeiture of principal & interest.	6	10 per ct.
California	No penalty	7	No limit.
Colorado	No penalty	8	No limit.
Connecticut	No penalty	6	6 per ct.
Dakota	Forfeiture of contract	7	12 per ct.
Delaware	Forfeiture of contract	6	6 per ct.
District of Col. .	Forfeiture of all interest	6	10 per ct.
Florida	No penalty	8	No limit.
Georgia	Forfeiture of excess	7	8 per ct.
Idaho	Forf'ture of 3 times excess of int.	10	18 per ct.
Illinois	Forfeiture of all interest	5	7 per ct.
Indiana	Forfeiture of int. over 6 per cent.	6	8 per ct.
Iowa	Forfeiture of interest and costs..	6	8 per ct.
Kansas	Forfeiture of excess over 10 per ct.	6	10 per ct.
Kentucky	Forfeiture of excess	6	6 per ct.
Louisiana	Forfeiture of interest	5	8 per ct.
Maine	No penalty	6	No limit.
Maryland	Forfeiture of excess	6	6 per ct.
Massachusetts ..	No penalty —6 per ct. on judg'ts.	6	No limit.
Michigan	Forfeiture of excess	6	8 per ct.
Minnesota	Forfeiture of contract	7	10 per ct.
Mississippi	Forfeiture of all interest	6	10 per ct.
Missouri	Forfeiture of all interest	6	8 per ct.
Montana	No penalty	7	No limit.
Nebraska	Forfeiture of all interest & costs.	7	10 per ct.
Nevada	No penalty	7	No limit.
New Hampshire ..	Forfeiture of 3 times excess of int.	6	6 per ct.
New Jersey	Forfeiture of all interest	6	6 per ct.
New Mexico	No penalty	6	12 per ct.
New York	Forfeiture of contract.*	6	6 per ct.
North Carolina ..	Forfeiture of double am't of int	6	8 per ct.
Ohio	Forfeiture of excess	8	8 per ct.
Oregon	Forfeiture of prin., int. & costs..	8	10 per ct.
Pennsylvania ..	Forfeiture of excess, Act of 1858.	6	6 per ct.
Rhode Island ..	Forfeiture, unless by contract.†.	6	No limit.
South Carolina ..	Forfeiture of interest	7	8 per ct.
Tennessee	Forfeiture of over 6 per cent....	6	6 per ct.
Texas	Forfeiture of interest	6	10 per ct.
Utah	No penalty	8	No limit.
Vermont	Forfeiture of excess	6	6 per ct.
Virginia	Forfeiture of excess	6	6 per ct.
Washington	No penalty	10	No limit.
West Virginia ..	Forfeiture of excess	6	10 per ct.
Wisconsin	Forfeiture of all interest	7	10 per ct.
Wyoming	No penalty	12	No limit.

* Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance.

† Also 6 per cent. on judgments.

NEW WEATHER SIGNALS.

[Adopted for general use by the United States Signal Service on and after March 1, 1887.]

INTERPRETATION OF SIGNALS.

No. 1.
White Flag.



Clear or Fair.

No. 2.
Blue Flag.



Rain or Snow.

No. 3.
Black Triangular Flag.



Temperature.

No. 4.
White Flag, Black Center



Cold Wave.

No. 1, white flag, clear or fair weather, no rain. Number 2, blue flag, rain or snow. Number 3, black triangular flag, refers to temperature, and above numbers 1 or 2, indicates warmer weather; below numbers 1 or 2, colder weather, and when not displayed, stationary weather. Number 4, white flag with black center (cold-wave flag) sudden fall in temperature; this signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 ever displayed with it.

DISPLAY EXAMPLES.



Fair Weather,
Colder.



Warmer,
Rain or Snow.



Warmer, Fair Weather, fol-
lowed by Rain or Snow.



Fair Weather,
Cold Wave

RATE OF INCOME ON STOCKS.

Purchased at the following prices, (par value being \$100),
and bearing interest at the following rates.

Paid.	3%	4%	5%	6%	7%	8%	9%
\$50	6 00	8 00	10 00	12 00	14 00	16 00	18 00
55	5 45	7 27	9 09	10 90	12 72	14 55	16 36
60	5 00	6 67	8 33	10 00	11 66	13 33	15 00
65	4 62	6 15	7 69	9 23	10 76	12 30	13 85
70	4 28	5 71	7 14	8 57	10 00	11 42	12 85
75	4 00	5 33	6 66	8 00	9 33	10 66	12 00
80	3 75	5 00	6 25	7 50	8 75	10 00	11 25
85	3 53	4 70	5 88	7 05	8 23	9 41	10 58
90	3 33	4 44	5 55	6 66	7 77	8 88	10 00
91	3 30	4 40	5 49	6 59	7 69	8 79	9 89
92	3 26	4 34	5 43	6 52	7 60	8 70	9 78
93	3 23	4 30	5 38	6 45	7 53	8 60	9 68
94	3 19	4 26	5 32	6 38	7 45	8 51	9 57
95	3 15	4 21	5 26	6 31	7 36	8 42	9 47
96	3 13	4 17	5 21	6 25	7 29	8 33	9 38
97	3 09	4 12	5 15	6 18	7 22	8 25	9 28
98	3 06	4 08	5 10	6 12	7 14	8 16	9 18
99	3 03	4 04	5 05	6 06	7 07	8 08	9 09
101	2 97	3 96	4 95	5 94	6 93	7 92	8 91
102	2 94	3 92	4 90	5 88	6 86	7 84	8 82
103	2 91	3 88	4 85	5 83	6 80	7 77	8 74
104	2 88	3 85	4 81	5 77	6 73	7 69	8 65
105	2 86	3 80	4 76	5 71	6 66	7 61	8 57
106	2 83	3 77	4 72	5 66	6 60	7 55	8 49
107	2 80	3 74	4 67	5 61	6 54	7 48	8 41
108	2 78	3 70	4 63	5 56	6 48	7 41	8 33
109	2 75	3 67	4 59	5 50	6 42	7 34	8 26
110	2 72	3 63	4 54	5 45	6 36	7 27	8 18
115	2 60	3 48	4 34	5 21	6 08	6 95	7 83
120	2 50	3 33	4 16	5 00	5 83	6 66	7 50
130	2 30	3 07	3 84	4 61	5 38	6 15	6 92
140	2 14	2 86	3 57	4 28	5 00	5 71	6 43

HELP! In case of Accidents.

Drowning. 1. Loosen clothing, if any. 2. Empty Lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. **DON'T GIVE UP!** People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with Cooking Soda and lay wet cloths over it. Whites of Eggs and Olive Oil. Olive or Linseed Oil, plain, or mixed with Chalk or Whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade, and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects Stings, &c. Apply weak Ammonia, Oil, Salt Water, or Iodine.

Fainting. Place flat on back; allow fresh air, and sprinkle with water.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up.

Cinders in the Eye. Roll soft paper up like a lamp lighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger. Drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC, OXALIC. } Soap-suds, Magnesia,
ACETIC. SULPHURIC (Oil of Vit- } Lime-water.
riol). NITRIC (Aqua Fortis).

Prussic Acid. } Ammonia in water. Dash water in
face.

Carbolic Acid. Flour and water, mucilaginous drinks.

Alkalies. POTASH. LYE. } Vinegar or Lemon juice in
HARTSHORN. AMMONIA. } water.

Arsenic. RAT POISON. } Milk, raw Eggs, Sweet Oil,
PARIS GREEN. } Lime-water, Flour & water.

Bug Poison. LEAD. SALTPETRE. } Whites of Eggs
CORROSIVE SUBLIMATE. SUGAR OF } or Milk in large
LEAD. BLUE VITRIOL. } doses.

Chloroform. } Dash cold water on head and chest.
CHLORAL. } Artificial respiration. Piece of ice in
ETHER. } rectum.

Carbonate of Soda. } Soap-suds and mucilaginous
COPPERAS. COBALT. } drinks.

Iodine. ANTIMONY. } Starch and water. Astringent in-
TARTAR EMETIC. } fusions. Strong tea.

Mercury AND ITS SALTS. } Whites of Eggs. Milk.
Mucilages.

Nitrate of Silver. LUNAR CAUSTIC. Salt and water.

Opium. MORPHINE. } Strong coffee, hot bath.
LAUDANUM. PAREGORIC. } Keep awake and mov-
SOOTHING POWDERS or SYRUPS. } ing at any cost.

Strychnine. } Mustard and water, Sulphate
TINCT. OF NUX VOMICA. } of Zinc. Absolute quiet.
Plug the ears.

STANDARD TIME.

IN this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.

75° Longitude.

Minutes.

Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass.	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, Que.	— 6
Albany, N. Y.	— 5
New York, N. Y.	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C. ..	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa.	+ 20

Central Standard.

90° Longitude.

Minutes.

Cleveland, Ohio	— 33
Columbus, Ohio	— 28
Detroit, Mich.	— 28
Toledo, Ohio.	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio.	— 22
Louisville, Ky.	— 18
Indianapolis, Ind.	— 16
Chicago, Ill.	— 10
Milwaukee, Wis.	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa ...	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas	+ 19
Omaha, Neb.	+ 24

Mountain Standard.

105° Longitude.

Denver, Col.	0
Salt Lake City, Utah, +	28

Pacific Standard.

120° Longitude.

Sacramento, Cal.	+ 6
San Francisco, Cal. ...	+ 10

RATES OF POSTAGE.

POSTAL CARDS. 1 cent each, go without further charge to all parts of the United States, Canada and Mexico. "Reply Postal Cards," with card attached for paid reply, 2 cents each. Cards for foreign countries (within the Postal Union) 2 cents each.

LETTERS to all parts of the United States, Canada and Mexico, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—For publishers and news-agents only, 1 cent per pound. **NEWSPAPERS** and **PERIODICALS** (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof.

THIRD CLASS.—Printed matter, in unsealed wrappers only (all matter inclosed in notched envelopes must pay letter rates), 1 cent for each 2 ounces or fraction thereof, which must be fully prepaid. This includes books, circulars, chromos, engravings, handbills, lithographs, music, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process except handwriting and the copying-press. Limit of weight 4 lbs., except for a single book which may weigh more.

FOURTH CLASS.—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily withdrawn from the wrapper and examined, 1 cent per ounce or fraction thereof. Limit of weight, 4 lbs. Full prepayment compulsory.

REFORWARDING.—Letters will be forwarded from one post office to another upon the written request of the person addressed, without additional charge; but unclaimed packages cannot be returned to the sender until stamps are furnished to pay the return postage.

REGISTRATION.—Letters or packages can be registered by adding stamps to the amount of 8 cents to the regular rate.

SPECIAL DELIVERY STAMPS, at 10 cents each, used in addition to regular rates, insures delivery immediately on arrival at office of destination. These stamps can be used for no other purpose.

POSTAL NOTES.—Upon payment of a fee of three cents each, Postal notes for any amount under Five Dollars may be purchased at any Money-order Office, payable to bearer at any time within three calendar months from the last day of the month during which it was issued.

RATES OF POSTAGE.

MONEY ORDERS.—For Orders not exceeding \$5, five cents; over \$5 and not exceeding \$10, eight cents; over \$10 and not exceeding \$15, ten cents; over \$15 and not exceeding \$20, fifteen cents; over \$20 and not exceeding \$30, twenty cents; over \$30 and not exceeding \$40, twenty-five cents; over \$40 and not exceeding \$50, twenty-five cents; over \$50 and not exceeding \$60, thirty cents; over \$60 and not exceeding \$70, thirty-five cents; over \$70 and not exceeding \$80, forty cents; over \$80 and not exceeding \$100, forty-five cents. When a larger sum than \$100 is required, additional Orders to make it up must be obtained.

FOREIGN POSTAGE.—The rates for LETTERS are for the half ounce or fraction thereof, and those for NEWSPAPERS for 2 ounces or fraction thereof.

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters, via San Francisco, 5 cents; via Brindisi, 5 cents; newspapers, via San Francisco, 1 cent for 2 ounces; via Brindisi, 1 cent for 2 ounces. China, letters, via San Francisco, 5 cents; via Brindisi, 10 cents; newspapers, 2 cents for each 2 ounces. British India, Italian mail, letters 5 cents, newspapers 1 cent for 2 ounces. Japan, letters, via San Francisco, 5 cents, newspapers 1 cent for 2 ounces.

VALUES IN UNITED STATES MONEY OF THE PURE GOLD OR SILVER

REPRESENTING RESPECTIVELY THE MONETARY UNITS
AND STANDARD COINS OF FOREIGN COUNTRIES.

The first section of the Act of March 3, 1873, provides "that the value of Foreign Coin, as expressed in the money of account of the United States, shall be that of the pure metal of such coin of standard value," and that "the values of the standard coins in circulation of the various nations of the world shall be estimated annually by the Director of the Mint, and be proclaimed on the first day of January by the Secretary of the Treasury."

VALUE OF FOREIGN COINS.

The estimates of values contained in the following table are those made by the Director of the Mint, January 1st, 1890, in compliance with the above stated provisions of law.

COUNTRY.	MONETARY UNIT.	STANDARD.	VALUE.		
			D.	C.	M.
Argentine Repub.	Peso	Gold & silv.	0	96	5
Austria	Florin	Silver	0	34	3
Belgium	Franc	Gold & silv.	0	19	3
Bolivia.....	Boliviano	Silver	0	69	8
Brazil.....	Milreis of 1000 reis.	Gold	0	54	6
British America..	Dollar	Gold	1	00	0
Cent'l Am. States	Peso	Silver	0	69	8
Chili.....	Peso.....	Gold & silv.	0	91	2
China.....	Tael.. { Shanghai..	Silver	1	3	1
			1	14	8
Cuba	Peso	Gold & silv.	0	92	6
Denmark	Crown.....	Gold	0	26	8
Ecuador	Sucré	Silver	0	69	8
Egypt.....	Pound (100 piastres)	Gold	4	94	3
France.....	Franc	Gold & silv.	0	19	3
German Empire..	Mark.....	Gold	0	23	8
Great Britain....	Pound sterling....	Gold	4	86	6½
Greece.....	Drachma	Gold & silv.	0	19	3
Hayti.....	Gourde	Gold & silv.	0	96	5
India	Rupée of 16 annas.	Silver	0	33	2
Italy.....	Lira	Gold & silv.	0	19	3
Japan.....	Yen	Gold	0	99	7
Japan.....	Yen	Silver	0	75	2
Liberia	Dollar.....	Gold	1	00	0
Mexico	Dollar.....	Silver	0	75	8
Netherlands.....	Florin.....	Gold & silv.	0	40	2
Norway.....	Crown.....	Gold	0	26	8
Peru	Sol	Silver	0	69	8
Portugal ..	Milreis of 1000 reis.	Gold	1	80	0
Russia	Roubl. of 100 cop'ks	Silver	0	55	8
Spain	Peseta of 100 centim.	Gold & silv.	0	19	3
Sweden	Crown.....	Gold	0	26	8
Switzerland	Franc.....	Gold & silv.	0	19	3
Tripoli.....	Mahbub of 20 piast's	Silver	0	62	9
Turkey.....	Piastre	Gold	0	4	4
U. S. of Colombia	Peso.....	Silver	0	69	8
Venezuela.....	Bolivar	Silver	0	14	0

PRESIDENTS OF THE UNITED STATES.

NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1 GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
2 JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	" 4 ".....	July 4, 1826	Mass.
3 THOMAS JEFFERSON...	April 2, 1743	" 4, 1801	" 8 ".....	" 4, 1826	Virginia.
4 JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	" 8 ".....	June 28, 1836	"
5 JAMES MONROE.....	April 28, 1758	" 4, 1817	" 8 ".....	July 4, 1831	Mass.
6 JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	" 4 ".....	Feb. 23, 1848	S. Carolina.
7 ANDREW JACKSON....	Mar. 15, 1767	" 4, 1829	" 8 ".....	June 8, 1845	New York.
8 MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	" 4 ".....	July 24, 1862	Virginia.
9 WM. H. HARRISON...	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	"
10 JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	N. Carolina.
11 JAMES K. POLK.....	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	Virginia.
12 ZACHARY TAYLOR....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	New York.
13 MILLARD FILLMORE..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	N. Hamp.
14 FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	Penn.
15 JAMES BUCHANAN....	April 23, 1791	" 4, 1857	" 4 ".....	June 1, 1868	Kentucky.
16 ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	N. Carolina.
17 ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	Ohio.
18 ULYSSES S. GRANT...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	"
19 RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	" 4 ".....	Jan. 17, 1893	"
20 JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	Vermont.
21 CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	New Jersey.
22 GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	.....	Ohio.
23 BENJAMIN HARRISON.	Aug. 20, 1833	" 4, 1889	" 4 ".....	.....	New Jersey.
24 GROVER CLEVELAND..	Mar. 18, 1837	" 4, 1893	.....	.....

25 John

POPULATION OF THE UNITED STATES.

The official count of the returns of the Eleventh
Census as finally determined.

STATES AND TERRITORIES.	1890.	1880.
Alabama.....	1,513,017	1,262,505
Alaska.....	.....	.....
Arizona.....	59,620	40,440
Arkansas.....	1,128,179	802,525
California.....	1,208,130	864,694
Colorado.....	412,198	194,327
Connecticut.....	746,258	622,700
Delaware.....	168,493	146,608
District of Columbia.....	230,392	177,624
Florida.....	391,422	269,493
Georgia.....	1,837,353	1,542,180
Idaho.....	84,385	32,610
Illinois.....	3,826,351	3,077,871
Indiana.....	2,192,404	1,978,301
Indian Territory.....	.....	.....
Iowa.....	1,911,896	1,624,615
Kansas.....	1,427,096	996,096
Kentucky.....	1,858,635	1,648,690
Louisiana.....	1,118,587	939,946
Maine.....	661,086	648,936
Maryland.....	1,042,390	934,943
Massachusetts.....	2,238,943	1,783,085
Michigan.....	2,093,889	1,636,937
Minnesota.....	1,301,826	780,773
Mississippi.....	1,289,600	1,131,597
Missouri.....	2,679,184	2,168,380
Montana.....	132,159	39,159
Nebraska.....	1,058,910	452,402
Nevada.....	45,761	62,266
New Hampshire.....	376,530	346,991
New Jersey.....	1,444,933	1,131,116
New Mexico.....	153,593	119,565
New York.....	5,997,853	5,082,871
North Carolina.....	1,617,947	1,399,750
North Dakota.....	182,719	36,909
Ohio.....	3,672,316	3,198,062
Oklahoma.....	61,834	.....
Oregon.....	313,767	174,768
Pennsylvania.....	5,258,014	4,282,891

POPULATION OF THE UNITED STATES.—CONTINUED.

STATES AND TERRITORIES.	1890.	1880.
Rhode Island.....	345,506	276,531
South Carolina	1,151,149	995,577
South Dakota.....	328,808	98,268
Tennessee	1,767,518	1,542,359
Texas	2,235,523	1,591,749
Utah	207,905	143,963
Vermont.....	332,422	332,286
Virginia	1,655,980	1,512,565
Washington.....	349,390	75,116
West Virginia.....	762,794	618,457
Wisconsin	1,686,880	1,315,497
Wyoming	60,705	20,789
Total population of U. S....	62,622,250	50,155,783

POPULATION OF PRINCIPAL CITIES.

25,000 AND OVER.

	1890.	1880.
Akron, O.	27,601	16,512
Albany, N. Y.....	94,923	90,758
Allentown, Pa.....	25,228	18,063
Allegheny, Pa.....	105,287	78,682
Altoona, Pa.	30,337	19,710
Atlanta, Ga.	65,533	37,409
Auburn, N. Y.....	25,858	21,924
Augusta, Ga.	33,300	21,891
Baltimore, Md.	434,439	332,313
Bay City, Mich.....	27,839	20,693
Binghamton, N. Y.	35,005	17,317
Birmingham, Ala.	26,178	3,086
Boston, Mass.	448,477	362,839
Bridgeport, Conn.	48,866	27,643
Brockton, Mass.	27,294	13,608
Brooklyn, N. Y.....	806,343	566,663
Buffalo, N. Y.....	255,664	155,134
Cambridge, Mass.	70,028	52,669
Canton, O.	26,189	12,258
Camden, N. J.	58,313	41,659
Charleston, S. C.	54,955	49,984

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	1890.	1880.
Chattanooga, Tenn.	29,100	12,892
Chicago, Ill.	1,099,850	503,185
Chelsea, Mass.	27,909	21,782
Cincinnati, O.	296,908	255,139
Cleveland, O.	261,353	160,146
Columbus, O.	88,150	51,647
Covington, Ky.	37,371	29,720
Dallas, Tex.	38,067	10,358
Davenport, Ia.	26,872	21,831
Dayton, O.	61,220	38,678
Denver, Col.	106,713	35,629
Des Moines, Ia.	50,093	22,408
Detroit, Mich.	205,876	116,340
Dubuque, Ia.	30,311	22,254
Duluth, Minn.	33,115	3,483
Elizabeth City, N. J.	37,764	28,229
Elmira, N. Y.	29,708	20,541
Erie, Pa.	40,634	27,737
Evansville, Ind.	50,756	29,280
Fall River, Mass.	74,398	48,961
Ft. Wayne, Ind.	35,393	26,880
Galveston, Tex.	29,084	22,248
Grand Rapids, Mich.	60,278	32,016
Harrisburgh, Pa.	39,385	30,762
Hartford, Conn.	53,230	42,015
Haverhill, Mass.	27,412	18,472
Hoboken, N. J.	43,648	30,999
Holyoke, Mass.	35,637	21,915
Houston, Tex.	27,557	16,513
Indianapolis, Ind.	105,436	75,056
Jersey City, N. J.	163,003	120,722
Kansas City, Kan.	38,316	3,200
Kansas, City, Mo.	132,716	55,785
La Crosse, Wis.	25,090	14,505
Lancaster, Pa.	32,011	25,769
Lawrence, Mass.	44,654	39,151
Lincoln, Neb.	55,154	13,003
Little Rock, Ark.	25,874	13,138
Long Island City, N. Y.	30,506	17,129
Los Angeles, Cal.	50,395	11,183
Louisville, Ky.	161,129	123,758
Lowell, Mass.	77,696	59,475
Lynn, Mass.	55,727	38,274
Manchester, N. H.	44,126	32,630

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	1890.	1880.
Memphis, Tenn.	64,495	33,592
Milwaukee, Wis.	204,468	115,587
Minneapolis, Minn.	164,738	46,887
Mobile, Ala.	31,076	29,132
Nashville, Tenn.	76,168	43,350
Newark, N. J.	181,830	136,508
New Bedford, Mass.	40,733	26,845
New Haven, Conn.	81,298	62,882
New Orleans, La.	242,039	216,090
New York, N. Y.	1,515,301	1,206,299
Norfolk, Va.	34,871	21,966
Oakland, Cal.	48,682	34,555
Omaha, Neb.	140,452	30,518
Paterson, N. J.	78,347	51,031
Pawtucket, R. I.	27,633	19,030
Peoria, Ill.	41,024	29,259
Philadelphia, Pa.	1,046,964	847,170
Pittsburgh, Pa.	238,617	156,389
Portland, Me.	36,425	33,810
Portland, Ore.	46,385	17,577
Providence, R. I.	132,146	104,857
Quincy, Ill.	31,494	27,268
Reading, Pa.	58,661	43,278
Richmond, Va.	81,388	63,600
Rochester, N. Y.	133,896	89,366
Sacramento, Cal.	26,386	21,420
Saginaw, Mich.	46,322	29,541
Saint Joseph, Mo.	52,324	32,431
Saint Louis, Mo.	451,770	350,518
Saint Paul, Minn.	133,156	41,473
Salem, Mass.	30,801	27,563
Salt Lake City, Utah	44,843	20,768
San Antonio, Tex.	37,673	20,550
San Francisco, Cal.	298,997	233,959
Savannah, Ga.	43,189	30,709
Scranton, Pa.	75,215	45,850
Seattle, Wash.	42,837	3,533
Sioux City, Ia.	37,806	7,366
Somerville, Mass.	40,152	24,933
Springfield, Mass.	44,179	33,340
Springfield, O.	31,895	20,730
Syracuse, N. Y.	88,143	51,792
Tacoma, Wash.	36,006	1,098
Taunton, Mass.	25,448	21,213

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	1890.	1880.
Terre Haute, Ind.....	30,217	26,042
Toledo, O.	81,434	50,137
Topeka, Kan.....	31,007	15,452
Trenton, N. J.	57,458	29,910
Troy, N. Y.....	60,956	56,747
Utica, N. Y.	44,007	33,914
Washington, D. C.	230,392	177,624
Waterbury, Conn.	28,646	17,806
Wheeling, W. Va.	35,013	30,737
Wilkesbarre, Pa.	37,718	23,339
Williamsport, Pa.....	27,132	18,934
Wilmington, Del.	61,431	42,478
Worcester, Mass.	84,655	58,291
Yonkers, N. Y.....	32,033	18,892
Youngstown, O.	33,220	15,435

LEGAL HOLIDAYS.

In most of the States when the holiday falls on Sunday the Monday following is the holiday. Notes must be paid on the Saturday preceding.

ALABAMA—Jan. 1, Feb. 22, July 4, Dec. 25.

ARIZONA—Jan. 1, Feb. 22, May 30, July 4, Dec. 25, any day of thanksgiving or general territorial election, or special election called by the Governor.

CALIFORNIA—Jan. 1, Feb. 22, May 30, July 4, Sept. 9, Thanksgiving, Dec. 25, a State or general election.

COLORADO—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

CONNECTICUT—Jan. 1, Feb. 22, May 30, July 4, Sept. 1, Thanksgiving, Dec. 25, Fast day.

DELAWARE—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.

FLORIDA—Jan. 1, Feb. 22, July 4, any general election day, Thanksgiving, Dec. 25.

GEORGIA—Jan. 1, Feb. 22, April 26, July 4, any Thanksgiving, Dec. 25.

IDAHO—Same as Arizona.

ILLINOIS—Jan. 1, Feb. 22, May 30, July 4, Election Day, Thanksgiving, Dec. 25.

LEGAL HOLIDAYS.—CONTINUED.

- INDIANA—Jan. 1, public fast, July 4, Thanksgiving, Dec. 25.
- IOWA—Jan. 1, May 30, July 4, Thanksgiving, Dec. 25.
- KANSAS—Jan. 1, May 30, July 4, public fast, Thanksgiving, Dec. 25.
- KENTUCKY—Jan. 1, Feb. 22, July 4, public fast, Thanksgiving, Dec. 25.
- LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi Gras, Mar. 4 in New Orleans, Good Friday, July 4, Dec. 25.
- MAINE—Jan. 1, Feb. 22, May 30, public fast, July 4, Thanksgiving, Dec. 25.
- MARYLAND—Jan. 1, Feb. 22, Good Friday, July 4, Thanksgiving, Dec. 25, and general and Congressional election days.
- MASSACHUSETTS—Feb. 22, Fast Day, May 30, July 4, first Monday in Sept., Thanksgiving, Dec. 25.
- MICHIGAN—Jan. 1, Feb. 22, May 30, July 4, Dec. 25, and any day appointed by the Governor or President for fasting and thanksgiving.
- MINNESOTA—Jan. 1, Feb. 22, Good Friday, July 4, Thanksgiving, Dec. 25.
- MISSISSIPPI—Jan. 1, July 4, Dec. 25.
- MISSOURI—Jan. 1, Feb. 22, July 4, Dec. 25, any general or State election day, any Thanksgiving day.
- MONTANA—Jan. 1, Feb. 22, May 30, public fast, July 4, Thanksgiving, Dec. 25.
- NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, Sept. 1, public fast, Thanksgiving, Dec. 25.
- NEVADA—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.
- NEW HAMPSHIRE—Feb. 22, Fast day, May 30, July 4, Thanksgiving, Dec. 25, and any day on which a general election is held for members of the Legislature.
- NEW JERSEY—Jan. 1, Feb. 22, May 30, July 4, first Monday in Sept., Thanksgiving and Fast day, Dec. 25, every Saturday p. m., and any general election day. Notes and drafts payable on secular or business day next succeeding each holiday.
- NEW MEXICO—Jan. 1, July 4, Dec. 25, and all days for fasting or thanksgiving. Notes due on holidays are payable on the next business day thereafter.

LEGAL HOLIDAYS.—CONTINUED.

NEW YORK—Jan. 1, Feb. 22, May 30, July 4, the first Monday of Sept. (Labor day), Dec. 25, any general election day, every Saturday from noon until midnight, and any day appointed as a day of thanksgiving, or fasting.

NORTH CAROLINA—Jan. 1, Feb. 22, May 10, May 20, July 4, Thanksgiving, Dec. 25. Notes and drafts payable on secular or business day next succeeding each holiday.

NORTH DAKOTA—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, public fast, Dec. 25, and general State or National election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

OREGON—Jan. 1, Feb. 22, May 30, first Saturday in June, July 4, public fast, Thanksgiving, Dec. 25, and every general election day.

PENNSYLVANIA—Jan. 1, Feb. 22, Good Friday, July 4, Sept. 1, Thanksgiving, Dec. 25, Decoration Day.

RHODE ISLAND—Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

SOUTH CAROLINA—Jan. 1, Feb. 22, July 4, National Thanksgiving, Dec. 25, general election days.

SOUTH DAKOTA—See North Dakota.

TENNESSEE—Jan. 1, July 4, Thanksgiving, Dec. 25.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, July 4, Dec. 25, and all days appointed as days of fasting or thanksgiving, and every State election day.

UTAH—Jan. 1, Feb. 22, May 30, July 4, July 24, Thanksgiving, Fast days, Dec. 25.

VERMONT—Jan. 1, May 30, July 4, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1, Feb. 22, Fast day, July 4, Thanksgiving, Dec. 25.

WASHINGTON—Jan. 1, Feb. 22, Decoration day, July 4, Thanksgiving, Dec. 25, days of general and special election.

WEST VIRGINIA—Jan. 1, Feb. 22, July 4, Dec. 25, or a day of National thanksgiving.

WISCONSIN—Jan. 1, Feb. 22, May 30, June 10, July 4, Thanksgiving, Dec. 25, general election day.

WYOMING—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25.

TIDE TABLE

(The following values are derived from late determinations of the UNITED STATES COAST SURVEY.)

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

EASTERN STANDARD.		H.	M.	Mean range. Feet.
Eastport, Me.	add	2	33	18.2
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Salem, Mass.	"	2	47	9.2
Nantucket, Mass.	"	4	6	3.0
Vineyard Haven, Mass.	"	3	32	1.6
Wood's Hole, South Side, Mass.	"	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass. }	sub.	0	22	3.7
Newport, R. I.	"	0	33	3.9
Point Judith, R. I.	"	0	45	3.1
Sandy Hook, N. J.	"	0	32	4.7
Watch Hill, R. I.	add	0	54	2.7
Stonnington, Conn.	"	0	52	2.7
New London, Conn.	"	1	14	2.6
New Haven, Conn.	"	2	57	6.0
Throg's Neck, N. Y.	"	3	13	7.3
Cape May Landing, N. J.	"	0	14	4.8
Philadelphia, Penn.	"	5	46	6.0
Baltimore, Md.	sub.	1	23	1.3
Richmond, Va.	"	3	24	3.6
Beaufort, N. C.	"	0	35	2.8
Charleston (C. H. Wharf), S. C.	"	0	19	5.1
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga. ...	sub.	1	21	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	26	6.5
St. Augustine, Fla.	"	0	17	4.2
Key West, Fla.	add	0	54	1.2
Tampa Bay (Egmont Key), Fla.	"	2	49	1.4
Cedar Keys (Depot Key), Fla.	"	4	52	2.6

SHORT METHOD

FOR CALCULATING INTEREST.

Multiply the principal by as many hundreds as there
are days, and

For 4 per cent.....	Divide by 90
" 5 " "	" " 72
" 6 " "	" " 60
" 7 " "	" " 52
" 8 " "	" " 45
" 9 " "	" " 40
" 10 " "	" " 36
" 12 " "	" " 30

EXAMPLE — INTEREST on \$50 for 30 days at 4%.
 $50 \times .30 = 15.00$, which divided by $90 = 16\frac{2}{3}$ cents — the
 required result.

\$ 50 x .30 = 15.00

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Jan. 21
Quinquagesima — Shrove Sunday	Feb. 4
Ash Wednesday	Feb. 7
First Sunday in Lent	Feb. 11
St. Patrick	Mar. 17
Palm Sunday	Mar. 18
Good Friday	Mar. 23
Annunciation	Mar. 25
Easter Sunday	Mar. 25
Low Sunday	April 1
Rogation Sunday	April 29
Ascension Day — Holy Thursday	May 3
Pentecost — Whit Sunday	May 13
Trinity Sunday	May 20
Corpus Christi	May 24
St. John Baptist	June 24
Michælmass Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Dec. 2
Christmas Day	Dec. 25

ECLIPSES FOR THE YEAR.

In the year 1894 there will be four Eclipses,—two of the SUN and two of the MOON; and a Transit of MERCURY over the Sun's disk.

I. A PARTIAL ECLIPSE OF THE MOON, March 21. Visible more or less to the extreme western portion of North America, Asia, Australia, and the Pacific Ocean. Between the Mississippi River and the Rocky Mountains the Moon will set in the morning dimmed with penumbral shade.

II. AN ANNULAR ECLIPSE OF THE SUN, April 6. Invisible to America. Visible to eastern Europe and Asia.

III. A PARTIAL ECLIPSE OF THE MOON, September 14-15. Visible more or less to North and South America, the western portions of Europe and Africa, and the Atlantic and eastern Pacific Oceans. Occurring as follows:—

	Eastern Standard.			Central Standard.			Mountain Standard.		
	D.	H.	M.	D.	H.	M.	D.	H.	M.
Moon enters Penumbra..	14	8	58 A.	14	7	58 A.	14	6	58 A.
Moon enters Shadow.....	14	10	35 A.	14	9	35 A.	14	8	35 A.
Middle of Eclipse	14	11	31 A.	14	10	31 A.	14	9	31 A.
Moon leaves Shadow.....	15	0	27 M.	14	11	27 A.	14	10	27 A.
Moon leaves Penumbra..	15	2	4 M.	15	1	4 M.	15	0	4 M.

First contact of shadow, at north point of Moon's limb.

Magnitude of Eclipse = 0.231, (Moon's diameter = 1.)

IV. A TOTAL ECLIPSE OF THE SUN, September 29. Invisible to America. Visible to portions of Africa, Hindoostan and Australia, and to the Indian Ocean.

A TRANSIT OF MERCURY, November 10. Visible generally to North and South America, the western portions of Europe and Africa, eastern Australia, and the Atlantic and Pacific Oceans. Occurring as follows:—

	Ingress.		Egress.	
Eastern Standard.....	10h.	56m. M.	4h.	12m. A.
Central Standard	9h.	56m. M.	3h.	12m. A.
Mountain Standard.....	8h.	56m. M.	2h.	12m. A.

Ingress, on the eastern limb of the Sun.

MORNING AND EVENING STARS.

MERCURY will be Evening Star about February 25, June 23, and October 19; and Morning Star about April 10, August 8, and November 27.

VENUS will be Evening Star till February 15; then Morning Star till November 30; and then Evening Star again the rest of the year.

JUPITER will be Evening Star till June 4; then Morning Star till December 22; and then Evening Star again the rest of the year.

CHRONOLOGICAL CYCLES.

Dominical Letter	G.
Epact	23
Lunar Cycle, or Golden Number	14
Solar Cycle	27
Roman Indiction	7
Julian Period	6607

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 20, 10h. M.	Mar. 20, 9h. M.
Summer Solstice....	June 21, 6h. M.	June 21, 5h. M.
Autumnal Equinox..	Sept. 22, 8h. A.	Sept. 22, 7h. A.
Winter Solstice.....	Dec. 21, 3h. A.	Dec. 21, 2h. A.
	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 20, 8h. M.	Mar. 20, 7h. M.
Summer Solstice....	June 21, 4h. M.	June 21, 3h. M.
Autumnal Equinox..	Sept. 22, 6h. A.	Sept. 22, 5h. A.
Winter Solstice.....	Dec. 21, 1h. A.	Dec. 21, oh. A.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles long.
Mediterranean.....	2,000
Caribbean.....	1,800
Red	1,400
Black	932
Baltic.....	600

AREA OF OCEANS IN SQ. MILES.

Pacific	80,000,000
Atlantic	40,000,000
Indian	20,000,000
Southern.....	10,000,000
Arctic.....	5,000,000



MOON'S PHASES.
(in Standard Time.)

EASTERN DIVISION.

CENTRAL DIVISION.

New Moon,
First Quarter,
Full Moon,
Last Quarter,

6d. 10h. 7m. p.m.
14d. 7h. 9m. p.m.
21d. 10h. 11m. a.m.
28d. 11h. 51m. a.m.

6d. 9h. 7m. p.m.
14d. 6h. 9m. p.m.
21d. 9h. 11m. a.m.
28d. 10h. 51m. a.m.

1894

**Latitude of Boston
and Chicago.**

**Latitude of New York
and Philadelphia.**

**Lat. of Wash.
Cin. & St. Louis**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Best Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 30	2 35	6 36	r7 25	2 31	3 34	r7 19	2 29
2	Tu	s4 39	3 40	7 30	s4 44	3 35	4 26	s4 50	3 30
3	We	r7 30	4 44	8 22	r7 25	4 38	5 19	r7 19	4 32
4	Th	s4 41	5 46	9 13	s4 46	5 39	6 11	s4 52	5 32
5	Fr	r7 30	6 44	10 3	r7 25	6 37	7 1	r7 19	6 29
6	Sa	s4 43	sets.	10 50	s4 48	sets.	7 45	s4 53	sets.
7	S	r7 29	5 3	11 33	r7 25	5 9	8 29	r7 19	5 17
8	Mo	s4 45	6 7	.....	s4 50	6 12	9 14	s4 55	6 19
9	Tu	r7 29	7 12	0 36	r7 24	7 16	9 54	r7 19	7 21
10	We	s4 47	8 18	1 16	s4 52	8 21	10 31	s4 57	8 25
11	Th	r7 29	9 24	1 55	r7 24	9 26	11 9	r7 19	9 28
12	Fr	s4 49	10 30	2 34	s4 54	10 30	11 50	s4 59	10 31
13	Sa	r7 28	11 37	3 13	r7 23	11 36	0 11	r7 18	11 35
14	S	s4 52	morn	3 57	s4 56	morn	0 56	s5 1	morn
15	Mo	r7 27	0 47	4 46	r7 22	0 44	1 45	r7 17	0 43
16	Tu	s4 54	2 2	5 44	s4 59	1 58	2 42	s5 4	1 55
17	We	r7 26	3 21	6 50	r7 21	3 16	3 47	r7 17	3 10
18	Th	s4 56	4 40	7 59	s5 1	4 33	4 55	s5 6	4 27
19	Fr	r7 25	5 54	9 8	r7 20	5 46	6 6	r7 16	5 39
20	Sa	s4 59	6 58	10 16	s5 3	6 51	7 13	s5 8	6 44
21	S	r7 23	rises	11 14	r7 19	rises	8 8	r7 15	rises
22	Mo	s5 1	6 23	.....	s5 6	6 27	9 5	s5 10	6 32
23	Tu	r7 22	7 43	0 31	r7 18	7 46	9 52	r7 14	7 49
24	We	s5 4	8 57	1 17	s5 8	8 53	10 35	s5 12	9 0
25	Th	r7 21	10 8	2 1	r7 16	10 8	11 16	r7 12	10 8
26	Fr	s5 6	11 16	2 43	s5 10	11 14	.....	s5 15	11 13
27	Sa	r7 19	morn	3 25	r7 15	morn	0 23	r7 11	morn
28	S	s5 9	0 23	4 9	s5 13	0 20	1 9	s5 17	0 18
29	Mo	r7 17	1 30	5 0	r7 13	1 26	1 59	r7 9	1 22
30	Tu	s5 12	2 36	5 55	s5 15	2 30	2 53	s5 19	2 25
31	We	r7 15	3 39	6 53	r7 11	3 33	3 50	r7 8	3 26



MOON'S PHASES.
(In Standard Time.)

New Moon,
First Quarter, . . .
Full Moon,
Last Quarter,

EASTERN DIVISION.

7d. 9h. 18m. a.m.
14d. 1h. 23m. p.m.
21d. 9h. 11m. a.m.
29d. 3h. 23m. a.m.

CENTRAL DIVISION.

7d. 8h. 18m. a.m.
14d. 0h. 28m. p.m.
21d. 8h. 11m. a.m.
29d. 2h. 28m. a.m.

1894

**Latitude of Boston
and Chicago.**

**Latitude of New York
and Philadelphia.**

**Lat. of Wash.
Cin. & St. Louis**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r6 36	3 24	6 21	r6 35	3 17	3 19	r6 33	3 9
2	Fr	s5 51	4 13	7 24	s5 52	4 6	4 20	s5 54	3 58
3	Sa	r6 33	4 54	8 21	r6 31	4 48	5 19	r6 30	4 41
4	S	s5 54	5 27	9 15	s5 55	5 22	6 12	s5 56	5 16
5	Mo	r6 29	5 54	10 1	r6 28	5 50	7 0	r6 27	5 45
6	Tu	s5 56	6 17	10 33	s5 57	6 14	7 39	s5 58	6 12
7	We	r6 26	sets.	11 21	r6 25	sets.	8 16	r6 24	sets.
8	Th	s5 58	7 20	11 57	s5 59	7 20	8 54	s6 0	7 20
9	Fr	r6 23	8 29	0 15	r6 22	8 27	9 32	r6 21	8 26
10	Sa	s6 1	9 41	0 53	s6 1	9 38	10 9	s6 2	9 35
11	S	r6 19	10 56	1 33	r6 19	10 51	10 49	r6 18	10 47
12	Mo	s6 3	morn	2 18	s6 3	morn	11 37	s6 4	morn
13	Tu	r6 16	0 13	3 6	r6 15	0 7	0 4	r6 15	0 1
14	We	s6 5	1 27	4 7	s6 6	1 20	1 6	s6 6	1 13
15	Th	r6 12	2 35	5 17	r6 12	2 27	2 15	r6 12	2 20
16	Fr	s6 8	3 33	6 34	s6 8	3 26	3 31	s6 8	3 19
17	Sa	r6 9	4 19	7 47	r6 9	4 13	4 44	r6 9	4 7
18	S	s6 10	4 54	8 52	s6 10	4 49	5 49	s6 10	4 45
19	Mo	r6 6	5 22	9 47	r6 6	5 19	6 45	r6 6	5 17
20	Tu	s6 12	5 45	10 35	s6 12	5 43	7 30	s6 12	5 43
21	We	r6 2	rises	11 16	r6 2	rises	8 10	r6 2	rises
22	Th	s6 14	7 45	11 53	s6 14	7 43	8 50	s6 14	7 42
23	Fr	r5 59	8 53	0 12	r5 59	8 50	9 30	r5 59	8 47
24	Sa	s6 16	10 3	0 51	s6 16	9 58	10 8	s6 16	9 54
25	S	r5 55	11 12	1 32	r5 56	11 6	10 47	r5 56	11 0
26	Mo	s6 19	morn	2 15	s6 18	morn	11 32	s6 18	morn
27	Tu	r5 52	0 17	3 0	r5 52	0 10	.....	r5 53	0 3
28	We	s6 21	1 16	3 52	s6 20	1 9	0 51	s6 19	1 1
29	Th	r5 48	2 7	4 49	r5 49	2 0	1 48	r5 50	1 52
30	Fr	s6 23	2 51	5 49	s6 22	2 44	2 47	s6 21	2 37
31	Sa	r5 45	3 27	6 51	r5 45	3 21	3 48	r5 47	3 15



D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r5 43	3 56	7 48	r5 44	3 51	4 45	r5 45	3 46
2	Mo	s6 27	4 20	8 38	s6 26	4 16	5 36	s6 24	4 14
3	Tu	r5 39	4 41	9 25	r5 41	4 39	6 23	r5 42	4 37
4	We	s6 29	5 1	10 8	s6 28	5 0	7 5	s6 26	5 0
5	Th	r5 36	5 21	10 48	r5 37	5 21	7 42	r5 39	5 23
6	Fr	s6 31	sets.	11 26	s6 30	sets.	8 20	s6 28	sets.
7	Sa	r5 33	8 41	.....	r5 34	8 37	9 3	r5 36	8 33
8	S	s6 33	10 0	0 27	s6 32	9 54	9 47	s6 30	9 49
9	Mo	r5 29	11 17	1 13	r5 31	11 10	10 33	r5 33	11 3
10	Tu	s6 36	morn	2 4	s6 34	morn	11 27	s6 32	morn
11	We	r5 26	0 28	3 1	r5 28	0 21	.....	r5 30	0 13
12	Th	s6 38	1 29	4 5	s6 36	1 21	1 4	s6 34	1 14
13	Fr	r5 23	2 18	5 16	r5 25	2 12	2 14	r5 27	2 5
14	Sa	s6 40	2 56	6 28	s6 38	2 51	3 25	s6 36	2 46
15	S	r5 19	3 27	7 33	r5 21	3 23	4 29	r5 24	3 20
16	Mo	s6 42	3 52	8 30	s6 40	3 49	5 27	s6 38	3 48
17	Tu	r5 16	4 12	9 19	r5 18	4 11	6 17	r5 21	4 11
18	We	s6 45	4 31	10 3	s6 42	4 32	7 1	s6 40	4 33
19	Th	r5 13	4 52	10 44	r5 15	4 54	7 39	r5 18	4 57
20	Fr	s6 47	rises	11 22	s6 44	rises	8 16	s6 42	rises
21	Sa	r5 10	8 54	.....	r5 13	8 49	8 59	r5 15	8 43
22	S	s6 49	10 2	0 21	s6 46	9 56	9 40	s6 44	9 49
23	Mo	r5 7	11 3	1 3	r5 10	10 56	10 22	r5 13	10 48
24	Tu	s6 51	11 58	1 48	s6 48	11 50	11 6	s6 45	11 43
25	We	r5 4	morn	2 36	r5 7	morn	11 57	r5 10	morn
26	Th	s6 53	0 46	3 25	s6 50	0 39	0 23	s6 47	0 31
27	Fr	r5 1	1 25	4 18	r5 4	1 19	1 17	r5 7	1 12
28	Sa	s6 56	1 56	5 13	s6 52	1 51	2 11	s6 49	1 45
29	S	r4 58	2 22	6 10	r5 1	2 18	3 7	r5 5	2 14
30	Mo	s6 58	2 44	7 4	s6 54	2 41	4 1	s6 51	2 39



MOON'S PHASES.
(In Standard Time.)

New Moon,
First Quarter,
Full Moon,
Last Quarter,

EASTERN DIVISION.

5d. 9h. 42m. a.m.
12d. 1h. 21m. a.m.
19d. 11h. 43m. a.m.
27d. 3h. 4m. p.m.

CENTRAL DIVISION.

5d. 8h. 42m. a.m.
12d. 0h. 21m. a.m.
19d. 10h. 43m. a.m.
27d. 2h. 4m. p.m.

1894

**Latitude of Boston
and Chicago.**

**Latitude of New York
and Philadelphia.**

**Lat. of Wash.
Cin. & St. Louis**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Tu	r4 55	3 4	7 54	r4 59	3 2	4 51	r5 2	3 2
2	We	s7 0	3 24	8 42	s6 57	3 23	5 39	s6 53	3 25
3	Th	r4 53	3 44	9 26	r4 56	3 45	6 25	r5 0	3 47
4	Fr	s7 2	4 6	10 13	s6 59	4 9	7 10	s6 55	4 12
5	Sa	r4 50	sets.	10 58	r4 54	sets.	7 52	r4 58	sets.
6	S	s7 5	8 57	11 44	s7 1	8 51	8 40	s6 57	8 44
7	Mo	r4 48	10 15	0 9	r4 51	10 8	9 34	r4 55	10 0
8	Tu	s7 7	11 22	1 2	s7 3	11 15	10 27	s6 59	11 7
9	We	r4 45	morn	2 1	r4 49	morn	11 25	r4 53	morn
10	Th	s7 9	0 16	2 59	s7 5	0 9	.....	s7 1	0 3
11	Fr	r4 43	0 58	4 0	r4 47	0 53	0 59	r4 51	0 47
12	Sa	s7 11	1 30	5 4	s7 7	1 26	2 2	s7 2	1 22
13	S	r4 41	1 55	6 5	r4 45	1 52	3 3	r4 49	1 51
14	Mo	s7 13	2 16	7 3	s7 9	2 15	4 0	s7 4	2 15
15	Tu	r4 39	2 37	7 56	r4 43	2 37	4 52	r4 47	2 38
16	We	s7 15	2 57	8 43	s7 11	2 58	5 41	s7 6	3 1
17	Th	r4 37	3 18	9 29	r4 41	3 21	6 27	r4 46	3 25
18	Fr	s7 17	3 41	10 14	s7 13	3 45	7 11	s7 8	3 50
19	Sa	r4 35	rises	10 56	r4 39	rises	7 50	r4 44	rises
20	S	s7 19	8 52	11 37	s7 14	8 45	8 33	s7 9	8 38
21	Mo	r4 33	9 51	.....	r4 38	9 44	9 18	r4 43	9 36
22	Tu	s7 21	10 41	0 43	s7 16	10 34	10 4	s7 11	10 26
23	We	r4 31	11 21	1 28	r4 36	11 16	10 45	r4 41	11 9
24	Th	s7 23	11 56	2 14	s7 18	11 50	11 32	s7 13	11 45
25	Fr	r4 30	morn	3 0	r4 35	morn	.....	r4 40	morn
26	Sa	s7 25	0 23	3 45	s7 20	0 18	0 44	s7 14	0 14
27	S	r4 28	0 46	4 33	r4 33	0 43	1 31	r4 39	0 40
28	Mo	s7 27	1 7	5 22	s7 21	1 5	2 20	s7 16	1 4
29	Tu	r4 27	1 26	6 13	r4 32	1 25	3 10	r4 38	1 25
30	We	s7 28	1 45	7 6	s7 23	1 46	4 2	s7 18	1 47
31	Th	r4 26	2 6	7 57	r4 31	2 8	4 54	r4 37	2 11



JUNE

MOON'S PHASES.
(In Standard Time.)

New Moon,	. . . .
First Quarter,	. . . .
Full Moon,	. . . .
Last Quarter,	. . . .

EASTERN DIVISION.

3d.	5h.	56m.	p.m.
10d.	8h.	14m.	a.m.
18d.	2h.	6m.	a.m.
26d.	5h.	2m.	a.m.

CENTRAL DIVISION.

3d.	4h.	56m. p.m.
10d.	7h.	14m. a.m.
18d.	1h.	6m. a.m.
26d.	4h.	2m. a.m.

1894

Latitude of Boston
and Chicago.

D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Best. Tide. Morn'g
1	Fr	r4 26	2 30	8 49
2	Sa	s7 30	3 0	9 42
3	S	r4 25	3 38	10 3
4	Mo	s7 32	sets.	11 33
5	Tu	r4 24	10 7	0 0
6	We	s7 33	10 54	0 58
7	Th	r4 23	11 30	1 55
8	Fr	s7 35	11 58	2 49
9	Sa	r4 23	morn	3 42
10	S	s7 36	0 21	4 36
11	Mo	r4 22	0 42	5 31
12	Tu	s7 37	1 2	6 24
13	We	r4 22	1 22	7 16
14	Th	s7 38	1 46	8 8
15	Fr	r4 22	2 11	8 58
16	Sa	s7 38	2 42	9 47
17	S	r4 22	3 19	10 35
18	Mo	s7 39	rises	11 19
19	Tu	r4 23	9 20	.....
20	We	s7 40	9 56	0 24
21	Th	r4 23	10 25	1 7
22	Fr	s7 40	10 50	1 48
23	Sa	r4 23	11 11	2 29
24	S	s7 40	11 30	3 8
25	Mo	r4 24	11 48	3 50
26	Tu	s7 40	morn	4 34
27	We	r4 25	0 8	5 24
28	Th	s7 40	0 30	6 19
29	Fr	r4 25	0 56	7 16
30	Sa	s7 40	1 29	8 20

Latitude of New York
and Philadelphia.

Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn 'g
R4 31	2 33	5 46
S7 25	3 5	6 40
R4 30	3 44	7 33
S7 27	sets.	8 28
R4 29	10 0	9 27
S7 28	10 48	10 22
R4 29	11 25	11 17
S7 29	11 55	.....
R4 28	morn	0 41
S7 30	0 19	1 35
R4 28	0 42	2 29
S7 31	1 3	3 21
R4 28	1 24	4 13
S7 32	1 49	5 5
R4 28	2 16	5 56
S7 33	2 48	6 45
R4 28	3 26	7 30
S7 33	rises	8 13
R4 28	9 13	9 0
S7 34	9 50	9 44
R4 29	10 20	10 24
S7 34	10 46	11 3
R4 29	11 8	11 45
S7 35	11 29	0 6
R4 30	11 48	0 49
S7 35	morn	1 33
R4 30	0 9	2 22
S7 35	0 33	3 16
R4 31	1 0	4 13
S7 35	1 34	5 16

Lat. of Wash.
Cin. & St. Louis

Sun R. & S. h. m.	Moon R. & S. h. m.
r4 36	2 38
s7 20	3 11
r4 36	3 5
s7 21	sets.
r4 35	9 53
s7 22	10 42
r4 34	11 21
s7 23	11 53
r4 34	morn
s7 24	0 19
r4 34	0 43
s7 25	1 5
r4 34	1 28
s7 26	1 51
r4 34	2 22
s7 27	2 55
r4 34	3 34
s7 28	rises
r4 34	9 6
s7 28	9 44
r4 34	10 15
s7 29	10 43
r4 35	11 7
s7 29	11 29
r4 35	11 49
s7 29	morn
r4 36	0 12
s7 29	0 37
r4 37	1 5
s7 29	1 41
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MOON'S PHASES.
(In Standard Time.)

New Moon,
First Quarter,
Full Moon,
Last Quarter,

EASTERN DIVISION.

3d. 0h. 45m. a.m.
9d. 5h. 15m. p.m.
17d. 5h. 3m. p.m.
25d. 4h. 7m. p.m.

CENTRAL DIVISION.

2d. 11h. 45m. p.m.
9d. 4h. 15m. p.m.
17d. 4h. 3m. p.m.
25d. 3h. 7m. p.m.

1894

**Latitude of Boston
and Chicago.**

**Latitude of New York
and Philadelphia.**

**Lat. of Wash.
Cin. & St. Louis**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r4 26	2 12	9 24	r4 32	2 19	6 22	r4 38	2 27
2	Mo	s7 40	3 9	10 26	s7 34	3 16	7 22	s7 29	3 25
3	Tu	r4 27	sets.	11 27	r4 33	sets.	8 21	r4 39	sets.
4	We	s7 40	9 27	.....	s7 34	9 22	9 20	s7 29	9 18
5	Th	r4 29	9 58	0 49	r4 34	9 54	10 12	r4 40	9 51
6	Fr	s7 39	10 24	1 40	s7 34	10 22	10 59	s7 28	10 21
7	Sa	r4 30	10 46	2 28	r4 36	10 45	11 46	r4 41	10 46
8	S	s7 38	11 7	3 13	s7 33	11 8	0 11	s7 27	11 9
9	Mo	r4 31	11 28	4 0	r4 37	11 30	0 59	r4 42	11 33
10	Tu	s7 38	11 50	4 49	s7 32	11 53	1 47	s7 27	11 58
11	We	r4 33	morn	5 43	r4 38	morn	2 41	r4 44	morn
12	Th	s7 37	0 14	6 39	s7 31	0 19	3 36	s7 26	0 24
13	Fr	r4 34	0 43	7 35	r4 40	0 49	4 31	r4 45	0 56
14	Sa	s7 35	1 19	8 32	s7 30	1 26	5 29	s7 25	1 34
15	S	r4 36	2 3	9 25	r4 41	2 10	6 23	r4 46	2 19
16	Mo	s7 34	2 54	10 16	s7 29	3 1	7 13	s7 24	3 10
17	Tu	r4 38	rises	11 1	r4 43	rises	7 55	r4 48	rises
18	We	s7 33	8 28	11 42	s7 28	8 23	8 39	s7 23	8 18
19	Th	r4 39	8 54	0 2	r4 44	8 50	9 20	r4 49	8 47
20	Fr	s7 31	9 16	0 41	s7 27	9 13	9 58	s7 21	9 11
21	Sa	r4 41	9 36	1 19	r4 46	9 34	10 32	r4 51	9 34
22	S	s7 29	9 54	1 56	s7 25	9 54	11 8	s7 20	9 54
23	Mo	r4 43	10 12	2 32	r4 48	10 13	11 47	r4 53	10 15
24	Tu	s7 28	10 32	3 10	s7 23	10 34	0 7	s7 18	10 38
25	We	r4 45	10 55	3 53	r4 49	10 59	0 52	r4 54	11 3
26	Th	s7 26	11 24	4 44	s7 21	11 29	1 43	s7 18	11 35
27	Fr	r4 47	morn	5 43	r4 51	morn	2 41	r4 56	morn
28	Sa	s7 24	0 1	6 50	s7 20	0 7	3 47	s7 15	0 15
29	S	r4 49	0 50	8 4	r4 53	0 57	5 0	r4 58	1 6
30	Mo	s7 22	1 53	9 13	s7 18	2 0	6 12	s7 13	2 9
31	Tu	r4 51	3 11	10 19	r4 55	3 17	7 15	r5 0	3 25



MOON'S PHASES.
(In Standard Time.)

New Moon,
First Quarter,
Full Moon,
Last Quarter,
New Moon,

EASTERN DIVISION.

1d. 7h. 24m. a.m.
8d. 5h. 5m. a.m.
16d. 8h. 17m. a.m.
24d. 0h. 40m. a.m.
30d. 3h. 4m. p.m.

CENTRAL DIVISION.

1d. 6h. 24m. a.m.
8d. 4h. 5m. a.m.
16d. 7h. 17m. a.m.
23d. 11h. 40m. p.m.
30d. 2h. 4m. p.m.

1894

**Latitude of Boston
and Chicago.**

**Latitude of New York
and Philadelphia.**

**Lat. of Wash.
Cin. & St. Louis**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r4 52	sets.	11 16	14 56	sets.	8 12	r5 0	sets.
2	Th	s7 18	8 23	.....	s7 15	8 20	9 3	s7 10	8 18
3	Fr	r4 54	8 47	0 29	r4 58	8 46	9 50	r5 2	8 45
4	Sa	s7 16	9 9	1 15	s7 12	9 9	10 32	s7 8	9 10
5	S	r4 56	9 30	1 58	r5 0	9 32	11 13	r5 4	9 34
6	Mo	s7 14	9 52	2 39	s7 10	9 55	11 58	s7 6	9 59
7	Tu	r4 58	10 16	3 23	r5 2	10 20	0 21	r5 6	10 26
8	We	s7 11	10 44	4 11	s7 7	10 49	1 10	s7 4	10 56
9	Th	r5 0	11 18	5 5	r5 4	11 24	2 3	r5 7	11 32
10	Fr	s7 8	11 59	6 4	s7 5	morn	3 2	s7 1	morn
11	Sa	r5 2	morn	7 6	r5 6	0 6	4 3	r5 9	0 15
12	S	s7 6	0 48	8 7	s7 2	0 55	5 4	s6 59	1 4
13	Mo	r5 4	1 44	9 3	r5 8	1 51	6 1	r5 11	1 59
14	Tu	s7 3	2 46	9 53	s7 0	2 52	6 51	s6 56	2 59
15	We	r5 7	3 51	10 39	r5 10	3 56	7 34	r5 13	4 2
16	Th	s7 0	rises	11 17	s6 57	rises	8 11	s6 54	rises
17	Fr	r5 9	7 42	11 53	r5 12	7 40	8 50	r5 15	7 39
18	Sa	s6 57	8 0	0 10	s6 54	7 59	9 26	s6 51	8 0
19	S	r5 11	8 18	0 45	r5 14	8 19	10 1	r5 17	8 20
20	Mo	s6 54	8 38	1 21	s6 51	8 40	10 34	s6 48	8 43
21	Tu	r5 13	9 0	1 58	r5 16	9 3	11 12	r5 18	9 8
22	We	s6 51	9 26	2 38	s6 48	9 31	11 57	s6 45	9 36
23	Th	r5 15	9 59	3 24	r5 18	10 5	0 22	r5 20	10 12
24	Fr	s6 48	10 42	4 18	s6 45	10 49	1 17	s6 43	10 57
25	Sa	r5 17	11 37	5 25	r5 20	11 45	2 23	r5 22	11 53
26	S	s6 44	morn	6 41	s6 42	morn	3 38	s6 40	morn
27	Mo	r5 19	0 45	7 57	r5 22	0 52	4 54	r5 24	1 1
28	Tu	s6 41	2 4	9 6	s6 39	2 10	6 4	s6 37	2 17
29	We	r5 21	3 28	10 7	r5 23	3 33	7 4	r5 26	3 38
30	Th	s6 38	sets.	10 58	s6 36	sets.	7 52	s6 34	sets.
31	Fr	r5 23	7 10	11 41	r5 25	7 9	8 37	r5 28	7 10

1894		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis.		
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Best. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	
1	Sa	r5 24	7 32	0 2	r5 26	7 33	9 21	r5 28	7 33	
2	Su	s6 33	7 53	0 43	s6 31	7 55	10 1	s6 29	7 59	
3	Mo	r5 27	8 16	1 24	r5 28	8 20	10 40	r5 30	8 24	
4	Tu	s6 29	8 44	2 7	s6 28	8 49	11 23	s6 26	8 55	
5	We	r5 29	9 17	2 50	r5 30	9 23	.....	r5 32	9 30
6	Th	s6 26	9 56	3 39	s6 24	10 3	0 38	s6 23	10 11	
7	Fr	r5 31	10 42	4 34	r5 32	10 50	1 33	r5 34	10 58	
8	Sa	s6 22	11 36	5 37	s6 21	11 43	2 35	s6 20	11 52	
9	Su	r5 33	morn	6 40	r5 34	morn	3 37	r5 36	morn	
10	Mo	s6 19	0 36	7 41	s6 18	0 42	4 37	s6 17	0 50	
11	Tu	r5 35	1 39	8 35	r5 36	1 45	5 32	r5 37	1 51	
12	We	s6 15	2 44	9 23	s6 14	2 48	6 21	s6 13	2 54	
13	Th	r5 37	3 50	10 6	r5 38	3 53	7 4	r5 39	3 57	
14	Fr	s6 12	4 54	10 45	s6 11	4 56	7 40	s6 10	4 56	
15	Sa	r5 39	rises	11 20	r5 40	rises	8 14	r5 41	rises	
16	Su	s6 8	6 44	11 54	s6 8	6 46	8 52	s6 7	6 48	
17	Mo	r5 41	7 4	0 12	r5 42	7 7	9 30	r5 43	7 10	
18	Tu	s6 5	7 28	0 50	s6 4	7 32	10 8	s6 4	7 37	
19	We	r5 44	7 59	1 31	r5 44	8 4	10 48	r5 44	8 11	
20	Th	s6 1	8 38	2 16	s6 1	8 45	11 37	s6 1	8 52	
21	Fr	r5 46	9 28	3 8	r5 46	9 35	0 5	r5 46	9 44	
22	Sa	s5 58	10 31	4 9	s5 58	10 38	1 8	s5 57	10 47	
23	Su	r5 48	11 45	5 20	r5 48	11 51	2 19	r5 48	11 59	
24	Mo	s5 54	morn	6 35	s5 54	morn	3 33	s5 54	morn	
25	Tu	r5 50	1 5	7 48	r5 50	1 10	4 44	r5 50	1 17	
26	We	s5 51	2 26	8 51	s5 51	2 30	5 47	s5 51	2 34	
27	Th	r5 52	3 45	9 44	r5 52	3 47	6 42	r5 52	3 50	
28	Fr	s5 47	5 1	10 30	s5 47	5 2	7 26	s5 48	5 3	
29	Sa	r5 54	sets.	11 12	r5 54	sets.	8 6	r5 54	sets.	
30	Su	s5 44	6 17	11 52	s5 44	6 20	8 49	s5 45	6 24	



MOON'S PHASES.
(In Standard Time.)

EASTERN DIVISION.

CENTRAL DIVISION.

First Quarter, . . .	6d. 2h. 1m. p.m.	6d. 1h. 1m. p.m.
Full Moon, . . .	14d. 1h. 41m. p.m.	14d. 0h. 41m. p.m.
Last Quarter, . . .	21d. 1h. 56m. p.m.	21d. 0h. 56m. p.m.
New Moon, . . .	28d. 0h. 57m. p.m.	28d. 11h. 57m. a.m.

1894

**Latitude of Boston
and Chicago.**

**Latitude of New York
and Philadelphia.**

**Lat. of Wash.
Cin. & St. Louis**

D. of M.	Day of Week.	Sun. & Moon.			Bost. Tide. Morn'g	Sun. & Moon.			N. Y. Tide. Morn'g	Sun. & Moon.		
		Sun. R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g		Sun. R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g		Sun. R. & S. h. m.	Moon R. & S. h. m.	
1	Mo	r5 57	6 42	0 11	r5 56	6 46	9 31	r5 55	6 52			
2	Tu	s5 40	7 12	0 53	s5 41	7 18	10 11	s5 41	7 24			
3	We	r5 59	7 48	1 37	r5 58	7 55	10 54	r5 57	8 3			
4	Th	s5 37	8 33	2 24	s5 38	8 40	11 44	s5 38	8 49			
5	Fr	r6 1	9 25	3 13	r6 0	9 33	0 11	r5 59	9 41			
6	Sa	s5 33	10 23	4 8	s5 34	10 30	1 7	s5 35	10 38			
7	S	r6 3	11 26	5 7	r6 2	11 32	2 5	r6 1	11 39			
8	Mo	s5 30	morn	6 7	s5 31	morn	3 5	s5 32	morn			
9	Tu	r6 6	0 32	7 4	r6 5	0 37	4 1	r6 3	0 43			
10	We	s5 27	1 37	7 56	s5 28	1 41	4 52	s5 29	1 45			
11	Th	r6 8	2 41	8 43	r6 7	2 44	5 41	r6 5	2 47			
12	Fr	s5 23	3 46	9 26	s5 25	3 47	6 24	s5 26	3 49			
13	Sa	r6 10	4 51	10 7	r6 9	4 51	7 4	r6 7	4 51			
14	S	s5 20	5 58	10 46	s5 22	5 56	7 41	s5 23	5 56			
15	Mo	r6 13	rises	11 24	r6 11	rises	8 19	r6 9	rises			
16	Tu	s5 17	6 1	.....	s5 19	6 6	9 3	s5 21	6 12		
17	We	r6 15	6 38	0 27	r6 13	6 44	9 48	r6 11	6 52			
18	Th	s5 14	7 25	1 14	s5 16	7 32	10 35	s5 18	7 41			
19	Fr	r6 17	8 24	2 7	r6 15	8 32	11 30	r6 13	8 40			
20	Sa	s5 11	9 34	3 4	s5 13	9 41	0 1	s5 15	9 49			
21	S	r6 20	10 51	4 8	r6 17	10 57	1 7	r6 15	11 3			
22	Mo	s5 8	morn	5 15	s5 10	morn	2 14	s5 12	morn			
23	Tu	r6 22	0 9	6 23	r6 20	0 13	3 21	r6 17	0 19			
24	We	s5 5	1 27	7 27	s5 7	1 30	4 23	s5 9	1 34			
25	Th	r6 24	2 43	8 23	r6 22	2 44	5 20	r6 19	2 47			
26	Fr	s5 2	3 56	9 13	s5 4	3 56	6 10	s5 7	3 56			
27	Sa	r6 27	5 8	9 59	r6 24	5 6	6 56	r6 22	5 5			
28	S	s4 59	6 21	10 42	s5 2	6 18	7 38	s5 5	6 16			
29	Mo	r6 29	sets.	11 24	r6 26	sets.	8 18	r6 24	sets.			
30	Tu	s4 56	5 45	.....	s4 59	5 51	9 4	s5 2	5 59		
31	We	r6 32	6 25	0 28	r6 29	6 32	9 50	r6 26	6 41			



D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Best. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r6 33	7 15	1 15	r6 30	7 23	10 34	r6 27	7 31
2	Fr	s4 52	8 12	2 2	s4 56	8 19	11 21	s4 59	8 28
3	Sa	r6 36	9 13	2 50	r6 32	9 19	.....	r6 29	9 27
4	S	s4 50	10 17	3 40	s4 53	10 22	0 39	s4 56	10 29
5	Mo	r6 38	11 21	4 32	r6 35	11 25	1 31	r6 32	11 30
6	Tu	s4 48	morn	5 24	s4 51	morn	2 23	s4 54	morn
7	We	r6 41	0 25	6 16	r6 37	0 28	3 14	r6 34	0 32
8	Th	s4 45	1 29	7 6	s4 49	1 31	4 3	s4 52	1 33
9	Fr	r6 43	2 33	7 55	r6 40	2 33	4 51	r6 36	2 34
10	Sa	s4 43	3 39	8 41	s4 47	3 38	5 39	s4 51	3 38
11	S	r6 46	4 49	9 27	r6 42	4 46	6 25	r6 38	4 45
12	Mo	s4 41	6 3	10 13	s4 45	5 59	7 10	s4 49	5 56
13	Tu	r6 48	rises	11 0	r6 44	rises	7 53	r6 40	rises
14	We	s4 39	5 17	11 47	s4 43	5 24	8 44	s4 47	5 32
15	Th	r6 51	6 14	0 13	r6 47	6 21	9 38	r6 43	6 30
16	Fr	s4 38	7 24	1 7	s4 41	7 31	10 31	s4 46	7 39
17	Sa	r6 53	8 41	2 3	r6 49	8 47	11 27	r6 45	8 54
18	S	s4 36	10 0	3 1	s4 40	10 5	.....	s4 44	10 10
19	Mo	r6 56	11 17	3 59	r6 51	11 20	0 58	r6 47	11 24
20	Tu	s4 34	morn	4 58	s4 39	morn	1 57	s4 43	morn
21	We	r6 58	0 32	5 57	r6 54	0 34	2 55	r6 49	0 36
22	Th	s4 33	1 44	6 54	s4 38	1 44	3 52	s4 42	1 45
23	Fr	r7 1	2 55	7 49	r6 56	2 54	4 45	r6 51	2 53
24	Sa	s4 32	4 6	8 39	s4 37	4 3	5 36	s4 41	4 2
25	S	r7 3	5 18	9 27	r6 58	5 14	6 25	r6 54	5 11
26	Mo	s4 31	6 29	10 15	s4 36	6 24	7 12	s4 40	6 18
27	Tu	r7 5	sets.	11 2	r7 0	sets.	7 56	r6 56	sets.
28	We	s4 30	5 6	11 46	s4 35	5 13	8 42	s4 39	5 22
29	Th	r7 7	6 0	0 8	r7 2	6 7	9 30	r6 57	6 16
30	Fr	s4 29	7 0	0 54	s4 34	7 7	10 14	s4 39	7 14

DECEMBER



MOON'S PHASES. (In Standard Time.)

EASTERN DIVISION.

CENTRAL DIVISION.

First Quarter,
Full Moon,
Last Quarter,
New Moon,

5d. 7h. 15m. a.m.
12d. 2h. 46m. p.m.
19d. 6h. 16m. a.m.
26d. 9h. 20m. p.m.

5d. 6h. 15m. a.m.
12d. 1h. 46m. p.m.
19d. 5h. 16m. a.m.
26d. 8h. 20m. p.m.

1894

Latitude of Boston and Chicago.

Latitude of New York and Philadelphia.

Lat. of Wash. Cin. & St. Louis

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Sa	r7 9	8 4	1 40	r7 4	8 10	10 57	r6 59	8 16
2	Su	s4 28	9 8	2 35	s4 33	9 13	11 42	s4 38	9 18
3	Mo	r7 11	10 11	3 7	r7 6	10 14	0 5	r7 1	10 19
4	Tu	s4 28	11 14	3 50	s4 33	11 16	0 49	s4 38	11 20
5	We	r7 14	morn	4 36	r7 8	morn	1 35	r7 3	morn
6	Th	s4 28	0 18	5 23	s4 33	0 19	2 21	s4 38	0 21
7	Fr	r7 16	1 22	6 11	r7 10	1 21	3 9	r7 5	1 22
8	Sa	s4 28	2 28	7 3	s4 33	2 26	4 0	s4 38	2 25
9	S	r7 17	3 37	7 56	r7 12	3 34	4 52	r7 7	3 31
10	Mo	s4 28	4 51	8 50	s4 33	4 46	5 47	s4 38	4 42
11	Tu	r7 19	6 9	9 46	r7 14	6 3	6 44	r7 9	5 57
12	We	s4 28	rises	10 42	s4 33	rises	7 37	s4 39	rises
13	Th	r7 21	5 4	11 37	r7 16	5 11	8 33	r7 10	5 20
14	Fr	s4 28	6 21	0 5	s4 34	6 27	9 31	s4 39	6 35
15	Sa	r7 22	7 44	1 1	r7 17	7 49	10 24	r7 12	7 55
16	S	s4 29	9 5	1 55	s4 34	9 9	11 16	s4 40	9 13
17	Mo	r7 24	10 21	2 48	r7 18	10 23	.....	r7 13	10 26
18	Tu	s4 29	11 35	3 37	s4 35	11 36	0 36	s4 40	11 37
19	We	r7 25	morn	4 29	r7 20	morn	1 28	r7 14	morn
20	Th	s4 30	0 47	5 23	s4 36	0 46	2 21	s4 41	0 46
21	Fr	r7 26	1 58	6 17	r7 21	1 56	3 15	r7 15	1 54
22	Sa	s4 31	3 8	7 13	s4 37	3 4	4 9	s4 42	3 1
23	S	r7 27	4 18	8 9	r7 22	4 13	5 6	r7 16	4 8
24	Mo	s4 32	5 27	9 3	s4 38	5 21	6 1	s4 43	5 15
25	Tu	r7 28	6 32	9 54	r7 22	6 25	6 52	r7 17	6 18
26	We	s4 34	7 30	10 44	s4 39	7 23	7 39	s4 45	7 15
27	Th	r7 29	sets.	11 29	r7 23	sets.	8 24	r7 18	sets.
28	Fr	s4 35	5 53	.....	s4 40	5 59	9 11	s4 46	6 6
29	Sa	r7 29	6 57	0 34	r7 24	7 2	9 52	r7 18	7 8
30	S	s4 36	8 1	1 15	s4 42	8 5	10 30	s4 47	8 9
31	Mo	r7 30	9 4	1 53	r7 24	9 7	11 7	r7 19	9 10

Ther.

~~SAT~~ JAN. 13, 1895

Wea.

Came on deck at 3 o'clock
and kept watch until
dawn. Spent below all day at 12
O'clock 2-4 saw a Sperm
head group as a ship
chased from ship.

Ther.

~~SUNDAY~~ 14

Wea.

Came on deck at 7 o'clock
washed 6 pieces of clothing.
It is a fine day and
we are going along
nicely. Saw white
water at 7 o'clock.

Ther.

MONDAY 15

Wea.

Came on deck at ship
and had wheel until
5 o'clock. Spent and took
course S.E. up on deck
at 12 until 4. It is a
fine day and good
hunting. 5 o'clock.

Ther.

TUES. JAN. 16, 1894

Wea.

Came on deck at 7 am
went to the wharf and
saw a boat with an
about 120' long and
10' wide and left at 11
went on deck to
night

Ther.

WEDNESDAY 17

Wea.

Came on deck at 3 pm
saw a school of whales, about 10
in all but did not
get any more than a few
lower boats and did
not get any. Left at
and did not do.

Ther.

THURSDAY 18

Wea.

Came on deck at
11 am and saw
around doing nothing
It is a fine day plenty
of birds and a good
sea. Whales from 4-6
Grouse. No other birds.

Ther.

~~FRI~~ JAN. 19, 1894

Wea.

Came on deck at 3
and at 4 was in a
big squall. The
below at 7, at 12
blew from 2-4. Saw
a group of men
near the
wheel.

Ther.

SATURDAY 20

Wea.

Came on deck at 7 and
went to work
at the bar. The
blew from 4-6. The
was a fair
wind and a good day.

Ther.

~~Sunday~~ 21

Wea.

Came on deck at three
and kept watch had
a good watch and a
going to leave a hair
cut. Came on deck at
12. The 2-4. Saw 8 by
E. Saw a sail on harbor.

Ther.

MON. JAN. 22, 1894

Wea.

Boat on deck at 7
and stayed around
deck during morning
Went below at 11
at 4 got up and
went to work until 6.

Ther.

TUESDAY 23

Wea.

Boat on deck at 3
we saw fish a large
hulk but it was rotten
we got a small one
a day before a letter
and sent it home

Ther.

WEDNESDAY 24

Wea.

Boat on deck at 11
and set the flying
mizzen. Long stay.
Broke out patches for
aft on deck at 4
in fore. top sail flying
up and mizzen. stay

Ther.

THURS. JAN. 25, 1894

Wea.

Left at three and
 stay around until 5 when
 went to school until
 7 on deck at 12 and
 fixed the wire and pulled
 of the captain's boat
 course. Exact.

Ther.

FRIDAY 26

Wea.

Leave on deck until
 10 and went to
 school from 10-12
 took four pack of
 clothes and went
 below at 11 at night

Ther.

SATURDAY 27

Wea.

Leave on deck at
 3 at 6 we saw 4 sperm
 whale 2 in boats
 twice but did not get
 any more whale flesh
 2 added 20 miles
 1 at 2:15

Ther.

SUN. JAN. 28, 1894

Wea.

Came on deck at 2:00
 11:00 and then got
 the Capt. and boat.
 At 11:00 got boat
 up for four or
 wash down the deck
 have got a plan on p.

Ther.

MONDAY 29

Wea.

Came on deck at 8
 and went to the wheel
 from 8 to 15 minutes.
 At 5 we raised a school
 of porpoises. It was
 full of young ones.
 N.E. hard.

Ther.

TUESDAY 30

Wea.

Came on deck at 2:00
 and broke out for beans
 rice, coffee, meal and
 sugar. Stopped from 9:30
 1/2 leave on deck at 9
 Have got a plan on my
 mind have to go to school

Ther.

WED. JAN. 31, 1894

Wea.

Came on deck at three
 and set sail. Had a
 broad piece of rope for
 my finger. Had wheel
 from L. J. Capobianco
 going to a new one. Some
 more for my finger.

Ther.

THURSDAY, FEB. 1

Wea.

Came on deck at two
 went down to cabin
 my finger. I gave me
 a shot. It is quite busy
 to-day. Going to the
 cabin. I am happy. I have
 started. I have Ch. M. A.

Ther.

FRIDAY 2

Wea.

Came on deck at 3 and
 had wheel until 5 and
 broke out water. I am
 on deck at twelve and
 played a little while
 I had a little rain
 and very warm.

Ther.

SAT. FEB. 3, 1894

Wea.

Came on dock at seven
and went to the
until 10 o'clock. By
I went before at 12
and up at four it
is a fine day.

Ther.

SUNDAY 4

Wea.

Came on dock at 3 at
five o'clock a sail on
the sea quarter. It was
very hot and weather hot
and wind not moving up
to the sea around and
down it came soon I was

Ther.

MONDAY 5

Wea.

Came on dock at seven
to go but in a fine day
Came on dock at seven
this morning. It is a
fine day and calm
at 11 o'clock I was on dock

Ther.

MON. FEB. 12, 1894

Wea.

Same on deck at 3
and commenced
copying, leaving
at 4:30. Got
churn at 4:30
left at 5:15

Ther.

TUESDAY 13

Wea.

Same on deck at
1:00. Copying the
of a volume and
left at 1:30 up
at 4:15. A fine day
when temp. 41 - 6
dew 34 - 3

Ther.

WEDNESDAY 14

Wea.

Same on deck at 3
Packed for water
and when we had
some more fuel at 5
and then got back
for more water at 6:15
left at 6:20

Ther.

THURS. FEB. 15, 1894

Wea.

Leave on deck at 9
and go to the
until 9-30. It was a
day strong breeze but
we got to the
point. From N.E. by

Ther.

FRIDAY 16

Wea.

Leave on deck at 3
and go to the
until 5. It was a
day strong breeze but
we got to the
point. From N.E. by

Ther.

SATURDAY 17

Wea.

Leave on deck at 10
and go to the
- 12 hours ago. It
was a day strong
breeze but we got
to the point. From
N.E. by

Ther.

SUN. FEB. 18, 1894

Wea.

Came on deck at
3 at 4.15 the first
matt died. We set sail
and took course
E.N.E. My wheel from
6-7. It is a fine day.

Ther.

MONDAY 19

Wea.

Came on deck at 7 am. The
sail, took many gallons
in about 10-35. Saw a
school of sperm whales
only 10-12. Had
wheel from 4-6. 6 by 8 N.W.

Ther.

TUESDAY 20

Wea.

Came on deck at 3 and
had wheel from 5-7. Course
N.E. by E. It is a good day
but full of spray
I took drink of 4 and
went on deck at 11
The water was now

Ther.

WED. FEB. 21, 1894

Wea.

Came on deck at
noon and looked out
for water again. In
the forenoon took
the ship at 4. Wind
SSE. Breeze NE. by E.

Ther.

THURSDAY 22

Wea.

Came on deck at three
and noon. Wind S. by E.
Breeze NE by E. It is a
rainy day and no
wind. Everything is out
fished the ship.

Ther.

FRIDAY 23

Wea.

Came on deck at noon
and ship a departure
at 9:30 - 12 Breeze
SSE. we have a
calm day today a
saw on the sea.
Nothing to report.

Ther.

SAT. FEB. 24, 1894

Wea.

Came on deck at three
 had wheel from 5-7
 My class was 5 & 8
 It was a fine day every
 sail out sail in
 on weather beam.

Ther.

SUNDAY 25

Wea.

Came on deck at seven
 broke out the water
 after that I passed the
 containing clothes went
 down at twelve up at
 four and we started the
 clock

Ther.

MONDAY 26

Wea.

Came on deck at three
 opened a few pieces of
 clothes at 6 AM. opened
 a span whole but did
 not have any more
 every body being sick
 till 6 - Course NE

Ther.

TUES. FEB. 27, 1894

Wea.

Boats on deck at 10:30
 1 clock and report no
 long expected. At 11:00
 when 1-2-3-4-5-6-7-8-9-10
 11-12-13-14-15-16-17-18-19-20
 21-22-23-24-25-26-27-28-29-30
 31-32-33-34-35-36-37-38-39-40
 41-42-43-44-45-46-47-48-49-50
 51-52-53-54-55-56-57-58-59-60
 61-62-63-64-65-66-67-68-69-70
 71-72-73-74-75-76-77-78-79-80
 81-82-83-84-85-86-87-88-89-90
 91-92-93-94-95-96-97-98-99-100
 101-102-103-104-105-106-107-108-109-110
 111-112-113-114-115-116-117-118-119-120
 121-122-123-124-125-126-127-128-129-130
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 191-192-193-194-195-196-197-198-199-200
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 2321-2322-2323-2324-2325-2326-2327-2328-2329-2330
 2331-2332-2333-2334-2335-2336-2337-2338-2339-2340
 2341-2342-2343-2344-2345-2346-2347-2348-2349-2350
 2351-2352-2353-2354-2355-2356-2357-2358-2359-2360
 2361-2362-2363-2364-2365-2366-2367-2368-2369-2370
 2371-2372-2373-2374-2375-2376-2377-2378-2379-2380
 2381-2382-2383-2384-2385-2386-2387-2388-2389-2390
 2391-2392-2393-2394-2395-2396-2397-2398-2399-2400
 2401-2402-2403-2404-2405-2406-2407-2408-2409-2410
 2411-2412-2413-2414-2415-2416-2417-2418-2419-2420
 2421-2422-2423-2424-2425-2426-2427-2428-2429-2430
 2431-2432-2433-2434-2435-2436-2437-2438-2439-2440
 2441-2442-2443-2444-2445-2446-2447-2448-2449-2450
 2451-2452-2453-2454-2455-2456-2457-2458-2459-2460
 2461-2462-2463-2464-2465-2466-2467-24

Ther.

FRI. MAR. 2, 1894

Wea.

Came on deck at 11:30
and had a very early
breakfast. It is a fine
day. Had a few pieces
of clothes. Every thing
is all right and we are flying.

Ther.

SATURDAY 3

Wea.

Went on deck at 11:30
and had a very early
breakfast. It is a fine
day. Had a few pieces
of clothes. Every thing
is all right and we are flying.

Ther.

SUNDAY 4

Wea.

Came on deck at 11:30
and had a very early
breakfast. It is a fine
day. Had a few pieces
of clothes. Every thing
is all right and we are flying.

Ther.

MON. MAR. 5, 1894

Wea.

Leave on deck at
 seven and wash feet
 of some of the cattle
 before we start a
 mile off.

Ther.

TUESDAY 6

Wea.

Leave on deck at three
 and had coffee
 6-7 there. The
 are 2 degrees from the
 ship. Saw a Stearville
 at 4-30 a mile off.

Ther.

WEDNESDAY 7

Wea.

Leave on deck at seven
 had coffee from 7-30 the
 is a fine day. Leaves the
 the day a high storm
 and hailed big snow
 but they did not and
 on 1-28

Ther.

THURS. MAR. 8, 1894

Wea.

Came on deck at 12
saw a squall 5 miles off
went down to 7 fathoms
saw a school of porpoises
6-7 miles off

Ther.

FRIDAY 9

Wea.

Came on deck about
10 and had some food
12-14 miles off
saw two sail ships
about 10 miles off
deck when it disappeared
12 miles off

Ther.

SATURDAY 10

Wea.

Came on deck at 8-3
and had some food until 5
went down to 7 fathoms
saw a school of porpoises. It is
a young afternoon and
hardly any sun 6-7
Lat 8 15 miles

Ther.

SUN. MAR. 11, 1894

Wea.

Ther.

MONDAY 12

Wea.

Ther.

TUESDAY 13

Wea.

Lat 2.29

Ther.

WED. MAR. 14, 1894

Wea.

Leaves on deck at 3 am
had wheel until 5
It is a windy day it
is hard to stay here
and going 7 1/2 knots
in air. Leaves N.H. by 11.

Ther.

THURSDAY 15

Wea.

Leaves on deck at 4
am. Had wheel until
5-12 knots N.H. by 11
at 4 am took her
down for 3 am. Speed
11-10 knots N.H. by 11
8.45 Lat.

Ther.

FRIDAY 16

Wea.

Leaves on deck at 8
am. Had wheel until 5
knots N.H. by 11. It is
a fine day. Wheel
from 6-7 1/2 knots. Might
be out for 10
at 11-10 Lat.

Ther.

SAT. MAR. 17, 1894

Wea.

Came on deck at
seven and had bath
from 7¹⁵ to 12 - fine
noon, 14th to 15th -
not far from 12 - it is a
fine day. 15th to 16th -
21st - 22nd - Lat. 13.23.

Ther.

SUNDAY 18

Wea.

Bar on deck at three
and had wheel with
five brand new
The crew were playing
the crew were
top stay sail. Lat
13.07

Ther.

MONDAY 19

Wea.

leaves on deck at 9:00
and had about 100
9:30 to 12:00 in the
the water in the water.
They are about 40 ft
and having 10 ft
July 26 38

Ther.

TUES. MAR. 20, 1894

Wea.

Ther.

WEDNESDAY 21

Wea.

Ther.

THURSDAY 22

Wea.

Ther.

FRI MAR. 23, 1894

Wea.

Ther.

SATURDAY 24

Wea.

Ther.

SUNDAY 25

Wea.

Ther.

MON. MAR. 26, 1894

Wea.

To day I got up at 5
o'clock at 11 I had 1 lb of
leg and 2 cakes of lard
I had 1 lb of coffee and a
lot of good food. I went on
at 3:30 my leg and cake

Ther.

TUESDAY 27

Wea.

To day my leg and
is much better and
better. I had a doctor come
in at 9:30 every morning
and he gave me some
to take for my leg. I
3:30

Ther.

WEDNESDAY 28

Wea.

Up at 5:30 took a good
wash and stayed in my
ward until the doctor
came. I had a good
rest and out of my leg
3:30

Ther.

THURS. MAR. 29, 1894

Wea.

Same as yesterday

Ther.

FRIDAY 30

Wea.

Same as yesterday

Ther.

SATURDAY 31

Wea.

Same as yesterday

Ther.

SUN. APRIL 1, 1894

Wea.

To day I was giving a
 four wheel, pants and
 could go out for a few
 hours with the balance
 of the hospital
 It is a beautiful place

Ther.

MONDAY 2

Wea.

To day I have been helping
 the nurse with up
 bandage and go getting
 along pretty well
 To the ship

Ther.

TUESDAY 3

Wea.

Ther.

WED. APRIL 4, 1894

Wea.

Ther.

THURSDAY 5

Wea.

Ther.

FRIDAY 6

Wea.

Today at last! I am
out of the hospital.
At 10 AM I was glad to
step out of the hospital
and walk in the
sun. Fine day.

Ther.

SAT. APRIL 7, 1894

Wea.

14 1/2
4
56
7
56
7

Ther.

SUNDAY 8

Wea.

Ther.

MONDAY 9

Wea.

Ther.

TUES. APRIL 10, 1894

Wea.

Ther.

WEDNESDAY 11

Wea.

20th day at Ghazni we
started for Jugal we
took with us 12 mules &
had some from
look with us before
new men from day.

Ther.

THURSDAY 12

Wea.

Ther.

FRI. APRIL 13, 1894

Wea.

Ther.

SATURDAY 14

Wea.

Ther.

SUNDAY 15

Wea.

Ther.

MON. APRIL 16, 1894

Wea.

*On Aug-19-95 at 2:11 a
side of ...*

Ther.

TUESDAY 17

Wea.

Ther.

WEDNESDAY 18

Wea.

Ther.

SUN. MAY 13, 1894

Wea.

I am fixing up my
 chest and getting things
 in order and then I will
 go to bed. Had rice soup
 for dinner. Went up the
 mast head at four
 o'clock.

Ther.

MONDAY 14

Wea.

I am waiting for the
 captain to open the
 lock chest so I can get
 some things. Sighted
 a sperm whale at 20
 minutes to two. Cape
 Look at one to three.

Ther.

TUESDAY 15

Wea.

Commenced to gut the
 whale. Took all day had
 to work hard storing and
 cutting. Had all my
 clothes with me. Have
 till I get all through
 going to sea again.

Ther.

WED. MAY 16, 1894

Wea.

I can't get home by
 myself - I go and
 down the ship and on the
 deck I come out get a job
 as cabin boy and get paid
 full wages - I must stay
 going to stay -

Ther.

THURSDAY 17

Wea.

Like to get so home sick
 now. There is a man 13-
 14 years old, a young fellow
 who is a head of a ship
 he used to work for a
 man and a woman.

Ther.

FRIDAY 18

Wea.

Got up swept the deck
 and got things in order
 my bunk is all right
 going to try to get a
 good one this week
 come down and I get
 cold. I don't smoke

Ther.

SAT. MAY 19, 1894

Wea.

Went down into the
 lumber and cut up
 lumber it is a pretty
 job got over a pole and
 full of oil. had to
 change my clothes

Ther.

SUNDAY 20

Wea.

Went down to the
 lumber and got over
 the poles. Over 75 barrels of
 it is a pretty job don't
 want any more work.

Ther.

MONDAY 21

Wea.

Stored the oil down the
 barrel. got a pretty
 good night. my
 over a barrel. had
 a pretty job don't
 want any more work.

Ther.

TUES. MAY 22, 1894

Wea.

At last I got up
 - having nothing
 to do because the
 day was so
 much I slept light
 and I overall all
 well.

Ther.

WEDNESDAY 23

Wea.

Remained to ask
 questions about summer
 away. I will go on a
 grand tour ship to
 New York. Then to
 Fall River. Some
 expect to be heard about

Ther.

THURSDAY 24

Wea.

Got up at seven o'clock
 and went to the
 bank. Had a
 check, being a
 sailing. Didn't
 know the bank name.

Ther.

FRI. MAY 25, 1894

Wea.

Got up at three o'clock and had breakfast about half past four commenced to work straight on up to five and let go the man tonight.

Ther.

SATURDAY 26

Wea.

Got up at seven o'clock and commenced to work open stores got things ready for the day and went down dinner. Home to 11:00 away well. 11:00 home by 1:30 a.m.

Ther.

SUNDAY 27

Wea.

Got up at 10 o'clock and had breakfast. It is raining and hard to sleep. I am going to clear off my back and chest. My mother down.

Ther.

MON. MAY 28, 1894

Wea.

Got up at 5:30 and
commenced to study
in air. The day was
very warm. The sun
was shining. The
rain was very heavy.
The rain was very heavy.

Ther.

TUESDAY 29

Wea.

Got to 5:30 and
commenced to study
in air. The day was
very warm. The sun
was shining. The
rain was very heavy.
The rain was very heavy.

Ther.

WEDNESDAY 30

Wea.

Got up at 5:30 and
commenced to study
in air. The day was
very warm. The sun
was shining. The
rain was very heavy.
The rain was very heavy.

Ther.

THURS. MAY 31, 1894

Wea.

Got up at 3 o'clock and
went up to the
main hall at 4 o'clock
to see the
the rest of the day.

Ther.

FRIDAY, JUNE 1

Wea.

Got up at 1 o'clock
and went up to the
main hall at 2 o'clock
to see the
the rest of the day.

Ther.

SATURDAY 2

Wea.

Got up at 1 o'clock
and went up to the
main hall at 2 o'clock
to see the
the rest of the day.

Ther.

SUN. JUNE 3, 1894

Wea.

Got up at seven o'clock
 went down till about half
 cold dry breeze, spraying
 down the coast. About
 2 hours the compass
 had been blowing
 most hard at the clock.

Ther.

MONDAY 4

Wea.

Got up at 3 o'clock
 up woods here, at 14
 came down went to
 spinning yarns. Went
 up road back at 10
 came down and up
 the dock. On night in

Ther.

TUESDAY 5

Wea.

Got up and went to
 work lighting stage line
 day warm and fair
 saw a few birds but
 we do not want them
 (perhaps for supper) except
 head the night.

Ther.

WED. JUNE 6, 1894

Wea.

Got up went to stock
 keeping out fire, sugar
 and water. at noon had
 a full crew with various
 killed deer, some. I have
 hunting fire. Weather
 P. M. Ten for dinner

Ther.

THURSDAY 7

Wea.

Went up and had
 a 7 o'clock dinner at 10
 Hunt, to work for
 not for sugar, deer
 and apples. I have
 we had a very good
 good to have a store

Ther.

FRIDAY 8

Wea.

Got up and had
 sugar, water, and
 and dry the meat
 two steps. I have
 wrapping out. and
 in the old day. we
 used

Ther.

SAT. JUNE 9, 1894

Wea.

Ther.

SUNDAY 10

Wea.

Ther.

MONDAY 11

Wea.

Ther.

TUES. JUNE 12, 1894

Wea.

Ther.

WEDNESDAY 13

Wea.

Ther.

THURSDAY 14

Wea.

Ther.

FRI. JUNE 15, 1894

Wea.

Ther.

SATURDAY 16

Wea.

Ther.

SUNDAY 17

Wea.

Ther.

MON. JUNE 18, 1894

Wea.

Ther.

TUESDAY 19

Wea.

Ther.

WEDNESDAY 20

Wea.

Ther.

THURS. JUNE 21, 1894

Wea.

Ther.

FRIDAY 22

Wea.

Ther.

SATURDAY 23

Wea.

Ther.

SUN. JUNE 24, 1894

Wea.

Calvary day of the
sabbath. Sun. 10:00 AM all
night no meal - bed
then 10:00 AM. Now for
the 2nd. Must
read at 2 o'clock. Heavy
It is a 2nd day of the week

Ther.

MONDAY 25

Wea.

Calvary day of the
sabbath. Sun. 10:00 AM all
night no meal - bed
then 10:00 AM. Now for
the 2nd. Must
read at 2 o'clock. Heavy
It is a 2nd day of the week

Ther.

TUESDAY 26

Wea.

Calvary day of the
sabbath. Sun. 10:00 AM all
night no meal - bed
then 10:00 AM. Now for
the 2nd. Must
read at 2 o'clock. Heavy
It is a 2nd day of the week

Ther.

WED. JUNE 27, 1894

Wea.

Came on deck and
 went up mast head
 some down and
 wash some
 The day is foggy
 it is a dead calm
 Home - sick

Ther.

THURSDAY 28

Wea.

Came on deck at seven
 the day was cloudy
 and rainy. In the after
 noon I'll see some
 out and we had a
 afternoon all out.
 Home - sick

Ther.

FRIDAY 29

Wea.

Came on deck at seven
 clock and went to
 the mast head some
 and went to dinner. My
 watch down below after
 a month on deck. H. S.

Ther.

SAT. JUNE 30, 1894

Wea.

Left at 10:00 AM at
 shore went down at
 11:00 AM and left until
 12:00 PM. Got up and went
 mast head came down
 and caught the deck off
 11:00 AM

Ther.

SUNDAY, JULY 1

Wea.

Got up at 10:00 AM and went
 mast head came down
 and read paper it is
 blowing a gale going to
 sleep now got to mast
 head at 4:00 PM came out
 some dist. gale

Ther.

MONDAY 2

Wea.

Got up at 3 AM and went up
 mast head at 4:00 PM came down
 with wind blowing a gale
 at 10:30 AM got up and went to mast
 head came down and walk
 the deck blowing a gale
 got up at 10:00 PM took a bath

Ther.

TUES. JULY 3, 1894

Wea.

Ther.

WEDNESDAY 4

Wea.

Ther.

THURSDAY 5

Wea.

Lett up sit. seven and
 repeat up map.
 That I have heard
 at the st. is very cold
 do. day it is a clear
 very much of the same
 as the other

Ther.

FRI. JULY 6, 1894

Wea.

Ther.

SATURDAY 7

Wea.

Ther.

SUNDAY 8

Wea.

Ther. •

MON. JULY 9, 1894

Wea.

The wind is at
the wind is at

Ther.

TUESDAY 10

Wea.

The wind is at

Ther.

WEDNESDAY 11

Wea.

The wind is at

have the old food

Ther.

THURS. JULY 12, 1894

Wea.

Came on deck at 3 o'clock
 went at mast - heard at
 10 minutes to 4 came
 down at 7. Ship day and
 thirty minutes later came
 out about 10 for a fine night
 10 p.m.

Ther.

FRIDAY 13

Wea.

Came on deck at seven
 o'clock. Run at the point
 all day went and pulled
 the pump - gallant the
 bow is all gone when in
 port a screw drive to
 the Hogue

Ther.

SATURDAY 14

Wea.

Came on deck at 5 o'clock
 and went to the wheel. Have
 been pump for several hours
 was fine the day being a
 dead calm. The boat lashed
 at the bow she would shawl
 the Hogue the voyage

Ther.

SUN. JULY 15, 1894

Wea.

It is a fine day and
nothing to say but
green grass before light
a clear blue sky and
yellow and orange
leaves hanging in the
bushes and on the trees.

Home sick

Ther.

MONDAY 16

Wea.

The day was very hot
and. He made sail
and took ship every
day at night. The boys
play cards all the
time. Fine night.

Home sick

Ther.

TUESDAY 17

Wea.

Got up and went
down the river.
Boys and broke out
sails look down and
put up. Four sail and
main-top sail. It is
a fine day.

Home sick

Ther.

WED. JULY 18, 1894

Wea.

When I run below it
 I can see out my
 back I have got the whole
 back over the back to
 the back. Laying the rug over
 the back for back and a back
 line Home-side dog

Ther.

THURSDAY 19

Wea.

Ther.

FRIDAY 20

Wea.

Ther. . . SAT. JULY 21, 1894

SAT. JULY 21, 1894

Wea.

Ther.

SUNDAY 22

Wea.

Ther.

MONDAY 23

Wea.

Ther.

TUES. JULY 24, 1894

Wea.

Ther.

WEDNESDAY 25

Wea.

Ther.

THURSDAY 26

Wea.

Ther.

FRI. JULY 27, 1894

Wea.

and birds - all
Lived for the

Ther.

SATURDAY 28

Wea.

Ther.

SUNDAY 29

Wea.

Ther.

MON. JULY 30, 1894

Wea.

Commenced to pump the
oil out and then cut
down the deck got
up at 11 - but a well
- which we could not
get through - was glad.
H. H. H.

Ther.

TUESDAY 31

Wea.

Got up at 8. Pumping
oil out for 1000 feet
the oil well oil. got
through 1000 ft oil and
well deck all ready to
go in. H. H. H.

Ther.

WEDNESDAY, AUG. 1

Wea.

Commenced to pump oil to
the house got finished at
10. Took out for bank
house. Spent the day. 10
miles from house. Will
be back to work soon.
H. H. H.

Ther.

THURS. AUG., 2, 1894

Wea.

4 in hail.

Ther.

FRIDAY 3

Wea.

Ther.

SATURDAY 4

Wea.

Ther.

SUN. AUG. 5, 1894

Wea.

Ther.

MONDAY 6

Wea.

Ther.

TUESDAY 7

Wea.

Ther.

WED. AUG. 8, 1894

Wea.

Went helping the
copper to down while the
rest of the crew were
hauling the rocks
and along the way
water I had a sharp
stomach ache

Ther.

THURSDAY 9

Wea.

Went helping the
copper to down the rest
of the crew were
hauling the rocks
and along the way
water I had a sharp
stomach ache

Ther.

FRIDAY 10

Wea.

We are now on the
steamer, as before we
have potatoes every
day. There is a
potatoe - also a
fresh meat every day

Ther.

SAT. AUG. 11, 1894

Wea.

I got through with
the copper about ten
o'clock and coach did
not Monday 11:30 a.
Left for the last time
while we stay in port
Home sea

Ther.

SUNDAY 12

Wea.

Just before dawn
a calmest night
and some away port
watch about 4:30
I got some clothes from
one who is going away
Home sea

Ther.

MONDAY 13

Wea. +

Leave on dock at 10
and get ready to leave
for the sea. The paper
was a surprise. Got
4 letters 2 from M. T. L.
from Lophis
Home sea

Ther.

TUES. AUG. 14, 1894

Wea.

Ther.

WEDNESDAY 15

Wea.

Ther.

THURSDAY 16

Wea.

Ther.

FRI. AUG. 17, 1894

Wea.

Got up at 4:00 and
 went to the school to
 see the children. I
 saw the children and
 they were very happy.
 All day the children
 were very happy.

Ther.

SATURDAY 18

Wea.

I came on deck at 10:00
 and saw the children.
 They were very happy.
 I saw the children and
 they were very happy.
 All day the children
 were very happy.

Ther.

SUNDAY 19

Wea.

Went in to see the children
 at 6:30 to see if they
 were happy. They were
 very happy. I saw the
 children and they were
 very happy. All day the
 children were very happy.

Ther.

MON. AUG. 20, 1894

Wea.

Went on deck at 10
 and passed the light
 and star and to go
 the yard for the night
 (up) went up the
 top with the children
 home - very

Ther.

TUESDAY 21

Wea.

Went to the light
 and passed the light
 and star and to go
 the yard for the night
 (up) went up the
 top with the children
 home - very

Ther.

WEDNESDAY 22

Wea.

Went on deck at 10
 and passed the light
 and star and to go
 the yard for the night
 (up) went up the
 top with the children
 home - very

Ther.

THURS: AUG. 23, 1894

Wea.

Ther.

FRIDAY 24

Wea.

Ther.

SATURDAY 25

Wea.

Ther.

SUN. AUG. 26, 1894

Wea.

Ther.

MONDAY 27

Wea.

Ther.

TUESDAY 28

Wea.

Ther.

WED. AUG. 29, 1894

Wea.

Came on deck and
 turned eggs. I hope
 my weight does not show
 when I get up at 4.
 Washed deck and
 painted work.
 Home sick

Ther.

THURSDAY 30

Wea.

Came on deck and
 sprayed whale the
 last time the forenoon.
 See land by the east
 of the week. We are
 fixed the same to-day
 Home sick

• Ther.

FRIDAY 31

Wea.

Been away from
 as a rule. I hope
 all the things I have
 falling fast. I hope
 got a fair handle
 of it. - going to keep
 it. Home sick

Ther.

SAT. SEPT. 1, 1894

Wea.

We are this morning
 from 10-11 I have had
 a half of a apple
 and some other things
 7-10' deep - by the
 way - grown S.E.
 H. H. H. H.

Ther.

SUNDAY 2

Wea.

Today I went to the
 a shore about 10-30 and
 saw many back about 2
 and the other I have seen
 a shore about 10-30 and
 many other things
 large H. H. H. H. H.

Ther.

MONDAY 3

Wea.

Up and will go to
 after a while I hope
 to go to the shore
 and see the things
 and the other things
 and the other things
 and the other things
 and the other things

Ther.

TUES. SEPT. 4, 1894

Wea.

Ther.

WEDNESDAY 5

Wea.

Ther.

THURSDAY 6

Wea.

Ther.

FRI. SEPT. 7, 1894

Wea.

Heavy rain and
foggy and foggy
up to 1000 feet and
very hot and
of 1000 feet.
Home sick

Ther.

SATURDAY 8

Wea.

Heavy rain and
foggy and foggy
up to 1000 feet and
very hot and
of 1000 feet.
Home sick

Ther.

SUNDAY 9

Wea.

Heavy rain and
foggy and foggy
up to 1000 feet and
very hot and
of 1000 feet.
Home sick

Ther.

MON. SEPT. 10, 1894

Wea.

Ther.

TUESDAY 11

Wea.

Ther.

WEDNESDAY 12

Wea.

Ther.

THURS. SEPT. 13, 1894

Wea.

It is a good day
but stay in the house
and do not go out
unless necessary
and then wear a
mask and gloves

Ther.

FRIDAY 14

Wea.

Very warm day
and some rain
in forenoon but
clear. The fore-
cast says to get in
work for the season
Home sick

Ther.

SATURDAY 15

Wea.

Learned on ship at
12 went to the school
to see I went and
saw on the way
stay-said. Home
I on ship and for sail
Home sick

Ther.

SUN. SEPT. 16, 1894

Wea.

Leave on dock at 2

I have paid a C. and

Home - side

Ther.

MONDAY 17

Wea.

Home - side

Ther.

TUESDAY 18

Wea.

Leave on dock at 2

Home - side

Ther.

WED. SEPT. 19, 1894

Wea.

My birth day 16 years
old. I & make me
think of John. we day
was 100 spin off and
can. Sew 200. 17. 200
and Misses. Day 200
house. Home sick day.

Ther.

THURSDAY 20

Wea.

Leave on sick at 7
and sick. 20. 200
day. 20. 200. 200
at 10. 12. Had a good
wash all around my
clothes on. 20. 200
Home sick.

Ther.

FRIDAY 21

Wea.

Leave on sick at 8
20. 200. 200. 200
went off at 7-10. 200
20. 12-2. Sew 200
20. 20. 200. 200
20. 20. 200. 200
20. 20. 200. 200
20. 20. 200. 200

Ther.

SAT. SEPT. 22, 1894

Wea.

Came on deck at
dinner o'clock. My gun
died with the
went to sleep. It is
a horrible day and
we are not doing any
us. Home sick.

Ther.

SUNDAY 23

Wea.

Came on deck and
kept watch came
down and saw my
clothes and went
at the wheel at 12-
2 caught a porpoise
Home-sick

Ther.

MONDAY 24

Wea.

Came on deck and
saw a fine Gallant sea
stuck at the wheel
was very hard
at the wheel 10-12
fine day warm
Home sick

Ther.

TUES. SEPT. 25, 1894

Wea.

Remained at home
all day. Sick
and nervous
and very
tired.
Home sick.

Ther.

WEDNESDAY 26

Wea.

Remained at home
all day. Sick
and nervous
and very
tired.
Home sick.

Ther.

THURSDAY 27

Wea.

Remained at home
all day. Sick
and nervous
and very
tired.
Home sick.

Ther.

FRI. SEPT. 28, 1894

Wea.

Ther.

SATURDAY 29

Wea.

Ther.

SUNDAY 30

Wea.

Ther.

MON. OCT. 1, 1894

Wea.

Ther.

TUESDAY 2

Wea.

learned one deck out 7
and commenced to spin
your event wheel 10-12
It is a fine day
an growing woods ever
day about the same of
Hoped to see some more

Ther.

WEDNESDAY 3

Wea.

Leaves on deck at
3 o'clock. set up the
major stay sail went
round 12-2. Saw a
bark about 2 o'clock
going S. W. by S.
H. over deck

Ther.

THURS. OCT. 4, 1894

Wea.

Larry's Birthday 15 years
 old. Saw a buck about
 1/2 mile away from the
 more about 4 o'clock we
 have four sword and
 fence weather things
 of Horse sick

Ther.

FRIDAY 5

Wea.

The wind has left to
 blow. Saw a buck today
 we are not surprised
 of it. The drift is full
 of snow and the but
 spring a lot of
 of Horse sick

Ther.

SATURDAY 6

Wea.

On drift at 3 o'clock
 saw the same buck
 on our lee. He sawed
 and hit up the
 grain soil but we got
 I had a horse
 Horse sick

Ther.

SUN. OCT. 7, 1894

Wea.

Ther.

MONDAY 8

Wea.

Ther.

TUESDAY 9

Wea.

Ther.

WED. OCT. 10, 1894

• Wea.

Ther.

THURSDAY 11

Wea.

Ther.

FRIDAY 12.

Wea.

Ther.

SAT. OCT. 13, 1894

Wea.

leave on deck
and watch to see
land. took down
stays and let
the five day
wash paint work
down side

Ther.

SUNDAY 14

Wea.

leave on deck at 7
it began to rain
about 8-30 we are
near land now
it has rained 10-12
Have got a bad cold
Home sick

Ther.

MONDAY 15

Wea.

leave on deck at 3
it is quite cold and
very foggy and
broke the 3 mile
motorway to S. A. Ma
a cutter for bunk
Home sick

Ther.

TUES. OCT. 16, 1894

Wea.

Learned on the 16 at 7
found a large pond
went to the pond
we caught a large
fish. We are getting
near the end of the
Horse Creek

Ther.

WEDNESDAY 17

Wea.

Went to the pond at 8
found a large pond
at the end of the
Horse Creek. We are
getting near the end of
the Horse Creek.

Ther.

THURSDAY 18

Wea.

The day was cold
and rainy. Last night
a beautiful moon
was seen. We have
pretty bad
at the end of the
Horse Creek

Ther.

FRI. OCT. 19, 1894

Wea.

Ther.

SATURDAY 20

Wea.

Ther.

SUNDAY 21

Wea.

Ther.

MON. OCT. 22, 1894

Wea. . .

Went on down to the
river and shot a few
birds. The first one was a
sparrow. It was shot in
the grassy area near
the bridge. The second one
was a chickadee.

Ther.

TUESDAY 23

Wea.

Went on down to the
river and shot a few
birds. The first one was a
sparrow. It was shot in
the grassy area near
the bridge. The second one
was a chickadee.

Ther.

WEDNESDAY 24

Wea.

Went on down to the
river and shot a few
birds. The first one was a
sparrow. It was shot in
the grassy area near
the bridge. The second one
was a chickadee.

Ther.

THURS. OCT. 25, 1894

Wea.

Leave on deck
and found every
thing all ready for
starting. Had a
lot of work on account of a
gate. None such.

Ther.

FRIDAY 26

Wea.

Leave on deck and
commenced to start all
of my things all
ready. Spent some
work got through about
2-30 compared 4-30
H. M. S. S. S.

Ther.

SATURDAY 27

Wea.

Leave on deck at 7
A.M. out my first
clothes and get out
at 12 noon. It is a
fine day but is a
lot of work as I am
in the boat. It is

Ther.

SUN. OCT. 28, 1894

Wea.

Came on deck at 8 whist
 5-7 is as same as I
 hold the wheel I have
 got an aback or yard
 back. I will do it
 make a gallant scull
 down the

Ther.

MONDAY 29

Wea.

Came on deck at 7
 and it very cold and
 rough about 18-20 a
 mile strong wind
 we had to cover the
 sails I took a dose of
 bitter down the

Ther.

TUESDAY 30

Wea.

Came on deck at 8
 went wheel 5-7 went
 below at 7 and on deck
 at 12 clean teeth did
 not wash deck it is cold
 but pleasant. not much
 down the

Ther.

WED. OCT. 31, 1894

Wea.

Leave on deck at 7
 about 10:00 AM
 not very good
 weather
 11-30 AM
 1-6, May day night
 some home work

Ther.

THURSDAY, NOV. 1

Wea.

Leave on deck at 3
 about 10:00 AM
 20:00 AM
 some home work
 1-6, May day night
 some home work

Ther.

FRIDAY 2

Wea.

Leave on deck at
 about 10:00 AM
 20:00 AM
 some home work
 1-6, May day night
 some home work

Ther.

SAT. NOV. 3, 1894

Wea.

Got up at 8 o'clock
and began to wash
clothes went below at
7-12 on deck 12-4 at 4
saw a sperm whale
lower boat at 5 got to
at 9 Home sick

Ther.

SUNDAY 4

Wea.

Got up at 12 got
two casks of blubber
then worked for 2 1/2
hours washed out the
whale all in better
head blubber journal
till Home sick

Ther.

MONDAY 5

Wea.

Got up at 12 and
watched for the other
watch began cutting
the whale we saw
at the head on foot
because a gull struck
us - Home sick

Ther.

TUES. Nov. 6, 1894

Wea.

Home on deck at 10
and went at night
got at the machine
went below at 7
and got up at 12
The day is fair
Home sick

Ther.

WEDNESDAY 7

Wea.

Got up and went
to the same old pit
about 10 am. got all
through and we
cleared up the
deck. Saw a bark.
Home sick

Ther.

THURSDAY 8

Wea.

On deck at 7
began to store oil
Stored nearly all
but a gal. truck
and we could not
work. Saw a schooner
Home sick

Ther.

FRI. NOV. 9, 1894

Wea.

Leave on deck at 3 o'clock
 went below at 5 o'clock at 3
 went below at 7 o'clock at 3
 4 it is a very cold day
 and heavy gale
 rain saw two whales
 Home - Luck

Ther.

SATURDAY 10

Wea.

Leave on deck at 7
 and went and found
 5 o'clock at 3 o'clock at 3
 and made observations
 then went below
 I have 4 to 5 fine days -
 Home - Luck

Ther.

SUNDAY 11

Wea.

Leave on deck at 3 o'clock
 and found at cold - went
 below at 5 o'clock at 3 o'clock
 it is a fine day and cold
 I have read about 6 chapters
 in the first book of
 my new book

Ther.

MON. NOV. 12, 1894

Wea.

Get up at seven o'clock and clear out the fire hole. It is a fine day and we are in luck. I had the crew get up at 11:30 p.m. and the weather is fine.

Ther.

TUESDAY 13

Wea.

Ther.

WEDNESDAY 14

Wea.

Ther.

THURS. NOV. 15, 1894

Wea.

Leaving my desk at 3
went to the school at 5.
It is a calm at 12
up. Stayed on deck until
1. Squalls at 19, 20, 21
up. In evening we sail
Home - sick

Ther.

FRIDAY 16

Wea.

Leaving my desk at 7
and went to the school
at 10. It is a very
we do not have evening
sail. In evening we sail
did not get any. We are
Home - sick

Ther.

SATURDAY 17

Wea.

Leaving my desk at 8 and
wash until 5 then went
to the school until 7 at
12 read out of the Bible
having nothing to do.
It is a fine day all
sail Home - sick out

Ther.

SUN. NOV. 18, 1894

Wea.

Came on deck at seven
 took a few pieces and
 threw over to the water
 at 10-12 fath. below at
 13-14 - Saw porpoise but
 did not get any
 Home sick

Ther.

MONDAY 19

Wea.

Came on deck at 3 and
 kept watch until 5 it is
 very foggy. Saw a spot
 about 1/2 hour from
 off. It is not very cold
 as it was last night.
 Home sick

Ther.

TUESDAY 20

Wea.

Came on deck at seven
 and went and pulled
 up, flying fish. Got down
 all rest of morning then
 went of home this is some
 champagne case.
 Home sick

Ther.

WED. NOV. 21, 1894

Wea.

Came on deck at 3 and
found it very cold came
below at 7-10 wheel 12-2
at 3-45 we got a large
porpoise by the N.-N.E.
It is pleasant now not
very home sick well.

Ther.

THURSDAY 22

Wea.

Came on deck at seven
and went and hunted
the porpoise. The 1st
below at 12-45 fuzled
fore-top. Well. It is
raining. Saw 1/2 seal
with home sick crab stick.

Ther.

FRIDAY 23

Wea.

Came on deck at 3 and
went wheel till 5. broke on
for coal came on deck
at 11 wash deck at 4 and
fuzled sails at 7. It is
calm and very warm
home sick

Ther.

SAT. NOV. 24, 1894

Wea.

Leanne on deck at 10 and
went down the
cabin and washed
the clothing, etc. He
did a pile of work
but we did not
finish it.

Ther.

SUNDAY 25

Wea.

Leanne on deck at 3 and
went down at 7. Up at
10. A fair day.
Sunny day and fair
wind. Say nothing
at school house. Still
nothing.

Ther.

MONDAY 26

Wea.

Leanne on deck at
10 and found
it a surprise. A gale
struck us about 4
and we found the
topmast. Lost egg
and some things.

Ther.

TUES. NOV. 27, 1894

Wea.

Came on deck at 5 and
 set a few sails had wind
 from 5-7. Came on deck
 at 12 and got ready for
 work and then went
 to my clothes & etc.
 Home sick

Ther.

WEDNESDAY 28

Wea.

Came on deck at 10
 and took a dose of
 medicine that I got from
 the captain at 10-10
 it is a fine day but a
 fog is sprung up
 Home sick

Ther.

THURSDAY 29

Wea.

Came on deck at 3 and
 went below at 4
 up at 12 for 5 hours
 giving dinner we had
 bean soup, wheel 2-
 4 caught 2 fowls
 Home sick

Ther.

FRI. NOV. 30, 1894

Wea.

Boat on deck at seven
and help the cook fix
the fireplace after the
stunt had been done
on my clothes. He was
having, gathering up
Horne Sick

Ther.

SATURDAY, DEC. 1

Wea.

Boat on deck at 3
went to the shore
until 5 o'clock and fixed
the main-top sail
wash a few pieces of
down below till 12
Horne Sick

Ther.

SUNDAY 2

Wea.

Boat on deck at 3
and fixed it a hard
gale. It fell 10-12
We have the fore-
stay and the main-
top and spun on
Horne Sick

Ther.

MON: DEC. 3, 1894

Wea.

Ther.

TUESDAY 4

Wea.

Ther.

WEDNESDAY 5

Wea.

Ther.

THURS. DEC. 6, 1894

Wea.

Leave on deck at 7 AM
11 AM to school for 2 1/2
hours. Windy and
foggy. A heavy fog
in the afternoon and
at night. Windy.
Home Sick

Ther.

FRIDAY 7

Wea.

Leave on deck at
8 AM. Windy and foggy.
Whole day foggy and
windy. Have sick
and got to bed at 10 PM.
Home Sick

Ther.

SATURDAY 8

Wea.

Leave on deck at 10 AM.
Windy and foggy.
Sick and get to bed at 11 PM.
Home Sick

Ther.

SUN. DEC. 9, 1894

Wea.

Came on deck at 3
and up to the main
deck at 4. Got a
fish at 4. Saw for the
first time. Not yet
at 10. For the first time
I saw a fish.

Ther.

MONDAY 10

Wea.

Came on deck at 3
and up to the main
deck at 12. At 12
saw a fish on the
quarter. It was
good. Fair wind.

Ther.

TUESDAY 11

Wea.

Came on deck at 3. At
5-7. Went down at 7. At
12-7. We have got a fine
day. Dead color. Some
of the crew have got fish.
But I have not yet.

Ther.

WED. DEC. 12, 1894

Wea.

Came on deck at seven
and it a gale at ten
it was terrible and they
said we could lose a man
if it did not only fool.
Saw a ship, main stream
out 1000 feet 4-6

Ther.

THURSDAY 13

Wea.

Came on deck at three
there was not so much
last night. Saw a bark
about two. It
had come down from
since seven o'clock
I went

Ther.

FRIDAY 14

Wea.

Came on deck at 7 by
out sugar, meal and
rice. Saw the ship
today. It is a fine
day but have been
things out. Saw the
water about 12.30

Ther.

SAT. DEC. 15, 1894

Wea.

Came on deck at 3
and went to wheel 5.7
wash about seven pieces
of clothes. It is fine
weather calm and very
warm. Course N.E. 2

Ther.

SUNDAY 16

Wea.

Came on deck at seven
and washed few pieces
for cook. He had fine
weather just before
Saw two birds on the
beach. Course E.S.W.

Ther.

MONDAY 17

Wea.

Came on deck at 3
to be out for water and
went below at seven o'clock
at 12 five days back
S.M. by U. Wheel 6.7
Sewing machine top
Sharp knife

Ther.

TUES. DEC. 18, 1894

Wea.

Came on deck at seven and saw gaff-topped after school we broke moccasins & sugar in day saw a lot of whale feed

Ther.

WEDNESDAY 19

Wea.

Came on deck at 3 and had wheel till 5. It was raised a whale but not killed. It has 19 years old. The all plenty of fur back bones best.

Ther.

THURSDAY 20

Wea.

Came on deck at 7 and whelp until 10. Saw a large four mott bar and plenty of fur back. It is a beautiful deep green and calm. The thick ocean.

Ther.

FRI. DEC. 21, 1894

Wea.

Came on deck at 8 and
found it fair wind
It is a beautiful day
warm and not much
wind. About 5 by 10
half west - saw a few
of birds.

Ther.

SATURDAY 22

Wea.

Came on deck at 8
washed some clothes
and at eight we saw
a sperm whale spout
but he went down
and did not get it then
4-6

Ther.

SUNDAY 23

Wea.

Got up at 8 and read
out of my bible went
below at 8 up at 12 saw
some of my school
have wheel 6-7 It is
fine weather for us
West by North heads on

Ther.

MON. DEC. 24, 1894

Wea.

Came on deck at seven
and hoisted sails and
after a while it grew
foggy. At all going
stead. About 10.15, it
quarrelled it got back and
put the ...

Ther.

TUESDAY 25

Wea.

Came on deck at
and hoisted sails and
after a while it grew
foggy. At all going
stead. About 10.15, it
quarrelled it got back and
put the ...

Ther.

WEDNESDAY 26

Wea.

Came on deck at 6.30
and the boat down
for a while at seven
it got a small
whale and out in
-in and at 10.30
it got a large whale

Ther.

THURS. DEC. 27, 1894

Wea.

Came on deck at 7
and went to work
cleaning up at 8.30
all night long, got all
though, and if necessary
I would wait till
to tomorrow.

Ther.

FRIDAY 28

Wea.

Came on deck at 7 and
set to work cleaning
away oil from all
through the place and
coast the place and
down the side of the
ship.

Ther.

SATURDAY 29

Wea.

Came on deck at 3
washed my oil clothes
and went below
7.12 on deck at 12
while I saw a
large fog right
before me.

Ther.

SUN, DEC. 30, 1894

Wea.

Busy on deck at noon
and wash some clothes
Saw some kites. We
have got fair wind. The
air is rather light. We
could it is a good day.
L. H. Little

Ther.

MONDAY 31

Wea.

Busy on deck at three
and about 4:30 pm
3:40 we are having a fair
if it is strong. We
can't say much. We
don't have much
all the day.

June 1 - 1894 -
Have done and
went out. We
tell you there are
made. We are
are done and
the day.

MEMORANDA

It was a very good
meat. The salt was
all mixed with the
field like fat salt.

It was a very good
meat. The salt was
all mixed with the
field like fat salt.

I lack underwear
and a piece of smiters

I lack underwear
and a piece of smiters

MEMORANDA

June 1894

Stolen boat just
brought up
captain's children
July 7, 1894
Washed a big bayonet
in the water

May 1-1894

We left home at 10:00 AM
3 AM. We left in the
the small boat. The
ocean was very rough
I am a ship captain and
my ship is a small boat
just made out to sea

July 18-1894

Captain told the 1st
mate that he was
going to see the ship
from within about 10
miles away. He was going to
take it

MEMORANDA

July 21-1894
 We are having fine
 weather today and
 and

July 22/1894
 George Lott's house on
 in Brook Park during the
 evening and some for
 a barrel of oil got the
 property

Aug - 22-1894
 Paul advised how painted
 red a flat marked - 2

Aug 28-1894
 Found on the road at 5
 and got them and
 and got them and
 found them and
 and got them and
 and got them and

MEMORANDA

There are four species of
 Volatiles and 10 more for
 ward. It is decided to
 half the number of
 birds for the Chicago
 people and send some
 to the Chicago people.
 Dec - Jan 1 - 1875

Came on deck at 11
 and got my first
 weather. Broke up for
 ice. He saw a stamp
 five miles off the coast
 of the deck and went to
 supper.

Wed - Jan 2 - 1875

Came on deck at 11
 and found it very cold
 for the wind was strong
 and the water was
 rough. In the afternoon
 I had my last full
 moon and a very low tide

MEMORANDA

Thurs - Jan 3 - 1895
 Came on deck at seven
 and had a hot soup.
 7-36 we have got a gale
 coming up. The pilot boat
 is sick with a cold &
 we are heading north.

Fri - Jan 4 - 1895
 On deck at three we left
 every thing well right
 and. It proved it just the
 same. We have got a
 spec of big a. Robinson
 off when 12-2 fine day.

Sat Jan 5 - 1895
 Came on deck at seven
 back out to sea. Head
 up, north and clear
 apper. It is a fine day.
 We report 15-1 by Call
 when 7-9. I hurt my
 hand with a cast.

MEMORANDA

Boyle

By Bussington
By J. M. Donald
By J. M. Donald
By J. M. Donald

In last last page
in last last page

June 26 1895

To day at 4:30 P.M. we
saw a school of herring
from which the school
about 1000 fish were
seen by McDonald and
did not catch any

June 26 - 1895

Went out at 10:00
and saw a school of
herring about 1000
fish. McDonald and
I did not catch any

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CASH ACCOUNT.

JANUARY.

Date.	Received.	Paid.
<p>1 - Came on deck at noon and we put a messenger on the main. Saw 3 or 4 on foot side and plenty of killed. It is a fine day here.</p>		
<p>2 - Came on deck at noon & clock the mail put me in the post office I went at 10. I shall 10.12 I went M. E. & E. I have fine weather now warm and no wind.</p>		
<p>3 - Came on deck at noon at 6 we saw a school of 3 humpback whales and we got a good shot one took her eye board and at 7 had her all cut in 2 shots before she died.</p>		

CASH ACCOUNT.

JANUARY.

Date.	Received.	Paid.
10 - Up on deck at 12 wash the deck and clean had a rest at 4 AM got the case on deck and at 1 AM kept the fire going up main head, from 12-3		
11 - Came on deck at 13 and went and cleaned up the bulwark. The oil through at 1 and then we got ready for steaming. Went up main head at that until 6.		
12 - Came on deck at seven and stored down 60 odd barrels of oil got through at 10-30 and went to the wheel until 12-30 while the rest clean the deck up on deck at 4-6 course 2. The		

CASH ACCOUNT.

FEBRUARY.

Date.

Received.

Paid.

February 13-1894
 To night about 4-30 we
 a sail at five o'clock
 we saw and took a
 Sableau a New Bedford
 whaler with 1 year old
 Captain Long boat and
 100 men for our own
 She has been out a
 year from New Bedford
 and will 900 barrels
 She left St. Helena
 two months and
 is now in port.
 This is our first whaler
 we have seen since
 leaving home.

CASH ACCOUNT.

FEBRUARY.

Date.	Received.	Paid.
<p> Worcester 24. 1894. About 8.30 while I was down - walking up South street the street was covered with snow and had a cold. I was at 1 we had the captain read out of the Bible and the American flag at half mast and we buried him with a bag of sand laid to the body. The thing was done very well of the captain. He made a coffin of canvas. </p>		

CASH ACCOUNT.

MARCH.

Date.	Received.	Paid.
January 4. 1895.	1895.	
<p>To night the second staff found my door below and told me to go up. I went I could not go up choke me and I went all over the area but we were not. He said, he knew me and I said, for at the time of the and I hit him so he will have to for it.</p>		

CASH ACCOUNT. 7 MARCH.

Date.	Received.	Paid.
<p>January 10, 1895</p> <p>He saw a school of small whales He could not get there because they were going to the north to feed</p>		
<p>Jan. 23, 1895</p> <p>Lynon Pattison & Benson from Benson Bay</p>		
<p>July 7. He saw a school of whales but as they were going to the south he did not get there.</p>		

CASH ACCOUNT.

APRIL.

Date.	Received.	Paid.
Feb- 10- 1893. Last night one of the forward hand died last night after being sick about two weeks.		
Feb 13- 1893 This morning at 2.15 another forward died of the same disease, boil in stomach. These are still very sick.		
Jan. 7, 1893 I am laid up with a fever on board and it is all over me up so I can not write.		

CASH ACCOUNT.

APRIL.

Date.		Received.	Paid.
	Miss Catherine Shepard Bay St.		General Hospital Barbados.
	Miss Laura Lind Bay St.		General Hospital Barbados.
9/21/95	I have been laid up for a few weeks with my foot about the same		

CASH ACCOUNT.

MAY.

[illegible]

CASH ACCOUNT.

MAY.

Date.	Received.	Paid.
7 54. 11	56	
17		
57 11		
550/24 1.23		
9 1/2 lbs Tobacco		
48	9.00	
320	1.00	
26	2.50	
380	1.00	
	2.50	
	16.00	
7 19 1/2 lbs Tobacco		
7 10 1/2 lbs Tobacco		

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
6/1/95	1/2 lb Soap	25	
6/1/95	1/2 lb Soap	25	
6/1/95	1/2 lb Soap	25	
7/1/95	1/2 lb Soap	25	
7/1/95	1/2 lb Soap	25	

CASH ACCOUNT. JUNE.

Date.	Received.	Paid.
<p>Aug 4. 1895</p> <p>This day spent at 5- high water under 7-20 shooting in the wind over around East St S. M. saw several whales but no at once captured a whale</p>		
<p>Aug 5. 1895.</p> <p>This day spent at 5- light wind and a good shot to the northward of 200 stepping by the group some spots. The day longer looks very good. at about 11 o'clock they saw several whales and whale spout to the north a good four miles. no down boat at 1.45 but saw the whale was not any more was not</p>		

CASH ACCOUNT. JULY.

Date.

Received.

Paid.

In my 11/1895 of the
 Second week had to
 go to yard for making
 some alterations in the
 building. Third week saw away

Left Freetown May 28
 1895 carrying family to
 arrive at London.

Leaving
 Freetown
 arrived
 London

Aug 5/1895
 got up at 5.30. I was at the
 when the whole family
 at also saw a large blue
 most common species

CASH ACCOUNT. JULY.

Date.		Received.	Paid.
Lat.	Latitude		
P. M.	Polar Distance		
H. S.	Half Sun		
Ream.	Reamers		
L. E.	L. E. Adjustment Time		
M. T.	Mean Time		
Eq. T.	Equatorial Time		
<p>Had going past one hour about 1/4 mile off - it was in lat 35. It was the Largest a faggot of these mast. It was for carrying cargo of London going to the West.</p>			

CASH ACCOUNT. AUGUST.

Date.		Received.	Paid.
Aug. 6 1893			
	<p> This species of <i>S. wellingtoni</i> whether I had collected from 5. I always close the shell except for a small part N. N. 25° N. below at seven miles N. 25° 130° W. said along the 111° 55' N. and all over from the 94° way up to 110° W. of the species was about 35 ft long etc. also said a school of <i>Myxodonta</i> etc etc etc etc </p>		

CASH ACCOUNT. AUGUST.

Date.	Received.	Paid.
Morgan Sch. S. M. H. H. H.	S. M. H. H. H.	S. M. H. H. H.
1 new boat		
1 boat board		
1 boat mast		
boots		
Layou		
Spad		
Blaze		
Morgan Sch. S. M. H. H. H.	S. M. H. H. H.	S. M. H. H. H.
6 shaver stone		
1 shaver gun		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		
and shaver		

CASH ACCOUNT.

SEPTEMBER.

Date.	Received.	Paid.
Sept 1st	H. H. Small	
Sept 2nd	James Hurd	
Sept 3rd	Sarah H. Hunt	
Sept 4th	Charles Hodgden	
Sept 5th	Sarah H. Hunt	
Sept 6th	Charles Hodgden	
Sept 7th	Sarah H. Hunt	
Sept 8th	Charles Hodgden	

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.
<i>260</i>	<i>Nov 13</i>	<i>189</i>
<i>200</i>	<i>Dec 20</i>	<i>189</i>
<i>200</i>	<i>Jan 27</i>	<i>189</i>
<i>200</i>	<i>Feb 20</i>	<i>189</i>
<i>200</i>	<i>Mar 20</i>	<i>189</i>
<i>200</i>	<i>Apr 28</i>	<i>189</i>
<i>200</i>	<i>May 15</i>	<i>189</i>
<i>200</i>	<i>June 17</i>	<i>189</i>
<i>200</i>	<i>July 11</i>	<i>189</i>
<i>200</i>	<i>Aug 21</i>	<i>189</i>
<i>200</i>	<i>Sept 22</i>	<i>189</i>
<i>200</i>	<i>Oct 11</i>	<i>189</i>
<i>200</i>	<i>Nov 11</i>	<i>189</i>
<i>200</i>	<i>Dec 11</i>	<i>189</i>

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
9/5	Bought 1/2 lb. Tobacco	7 00	
10/5	Police	50	
4	Bar. 1/2 lb.	50	
1	1/2 lb. Sugar	50	
1	1/2 lb. Tea	75	
1	1/2 lb. Coffee	75	
1	1/2 lb. Butter	75	
1	1/2 lb. Cheese	75	
1	1/2 lb. Potatoes	75	
2	1/2 lb. Apples	25	
2	1/2 lb. Oranges	35	
1	1/2 lb. Lemons	40	
Cash	1.25	25	
1/2 lb. Ham		16.05	
		14.05	
		1.25	
		16.05	

CASH ACCOUNT. NOVEMBER.

Date.	Received.	Paid.
<p>Jan, Sept 1-20 1891. I have been looking for a place to cut on the hill top a shade and it was under a large and old tree. The Captain took up the and put some far away it is a very nice place.</p>		

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dolls.	Cts.
-------	-------	--------	------

	B. H. Loring Royal New York		
--	--------------------------------	--	--

RECEIVABLE.

Sept 13 - 95	Seen on table 22 times and only got six.		
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BILLS PAYABLE.

FEBRUARY.

Date. NAME. 1894. Dolls. Cts.

1/17	1894	48.12	
2/1	1894	48.23	
2/1	1894	37.67	
2/1	1894	66.43	
2/1	1894	75.06	
2/1	1894	27.43	
2/1	1894	63.56	
2/1	1894	3.65	
2/1	1894	3.96	
2/1	1894	27.24	
2/1	1894	37.7	

RECEIVABLE.

2/1	1894	63.56	
2/1	1894	3.65	
2/1	1894	3.96	
2/1	1894	27.24	
2/1	1894	37.7	

BILLS PAYABLE. MARCH.

Date.	NAME.	Dolls.	Cts.
-------	-------	--------	------

0 9 0 3 6
 0 3 6 7 7
 4.38 6 6 1/2
 9 1 8 2 3 8

8746
 5241
 8707

March

June 28, 1895

RECEIVABLE.

61

BILLS PAYABLE. APRIL.

Date.	NAME.	Dolls.	Cts.
-------	-------	--------	------

Monday - 18 -		1895 -	
28 -	30 95		
39 -	02 1/2		
Tuesday 28		1895	
30 - 31			
Wednesday March			
1895			
Sat 11 - 10			
19 - 1895 -			

RECEIVABLE.

Sat 28. 30			
Long 39. 02			
June 18	1895 -		
Sat 35. 51			
Long 41. 52			
June 19	1895		
Sat 36. 10			
Long			

BILLS PAYABLE.

MAY.

Date.	NAME.	Dolls.	Cts.
June 22 1895	Lat 36-27 W.		
	Lon 42-32 W.		
June 26 1895	Lat 36-25 W.		
	Lon 42-32 W.		
June 27 1895	Lat 36-25 W.		
June 28 1895	Lat 36-25 W.		
June 29 1895	Lat 36-25 W.		
June 30 1895	Lat 36-25 W.		
July 1 1895	Lat 36-25 W.		
July 2 1895	Lat 36-25 W.		
July 3 1895	Lat 36-25 W.		
July 4 1895	Lat 36-25 W.		
	Lon 42-32 W.		

RECEIVABLE.

²⁴⁶
BILLS PAYABLE. JULY.

Date.	NAME.	Dolls.	Cts.
9	6 lbs Tobacco	4	75
	64. V. C. 11		50
2	10 lbs Coffee		40
1	10 lbs Coffee		50
	10 lbs Coffee	1	50
	10 lbs Coffee		75
	10 lbs Coffee		75
	10 lbs Coffee		25
	10 lbs Coffee	1	00
	10 lbs Coffee		20
	10 lbs Coffee		30
	10 lbs Coffee		10
	10 lbs Coffee	1	25
	10 lbs Coffee		5
	10 lbs Coffee	12	45

RECEIVABLE.

BILLS PAYABLE. . AUGUST.

Date.	NAME.	Dolls.	Ct.
-------	-------	--------	-----

Sept 24 1895

We start
24 day for New York
but all day calm
and no wind not much
sailed head way

Sept 25 1895

Good breeze
we are sailing fast
at night
N. by E. 5 knots
W. by N. 5 knots

RECEIVABLE. 1000

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls.	Cts.
11/1	L. H. Brown	10	00
11/2	J. H. Green	5	00
11/3	Wm. H. White	12	00
11/4	C. H. Black	8	00
11/5	S. H. Gray	3	00
11/6	T. H. Jones	7	00
11/7	R. H. Smith	4	00

RECEIVABLE.

26
24
BILLS PAYABLE. DECEMBER.

Date.	NAME.	Dolls.	Cts.
-------	-------	--------	------

<p>4</p> <p>71/8/8</p> <p>26</p> <p>40</p>	<p>4</p> <p>10</p>		
--	--------------------	--	--

RECEIVABLE.

<p>21</p>	<p>20</p>	<p>10</p>	
-----------	-----------	-----------	--

MEMORANDA.

Date: 13, 57

Dolls. Cts.

26.53
 15
 322
 20
 3
 1553
 144
 58
 328
 71.00

MEMORANDA.

Date.		Dolls.	Cts.
1893	Jan 7 to Jan 10		
1893	Jan 7 to Jan 10		25
1893	1 lb Butter		10
1893	1 lb Sugar		20
1893	1 lb Jelly		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40
1893	1 lb Apples		40

ADDRESSES.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

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NAME.

STREET, No.

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STREET, No.

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ADDRESSES.

NAME.

STREET, No.

CITY.

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STREET, No.

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STREET. No.

CITY.

ADDRESSES.

NAME.

STREET, No.

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STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

James G. Galloway
1000 1st St
New Bedford

John G. Galloway
1000 1st St
New Bedford

John G. Galloway
1000 1st St
New Bedford

John G. Galloway
1000 1st St
New Bedford

John G. Galloway
1000 1st St
New Bedford

John G. Galloway
1000 1st St
New Bedford

John G. Galloway
1000 1st St
New Bedford

ADDRESSES.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

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CITY.

ADDRESSES.

NAME.

STREET, No.

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STREET, No.

CITY.

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STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

Lucie B. Smith
 12 Tremont St.
 New Bedford Mass
 William Sylvia
 1 Front St
 New Bedford Mass
 Alec. Lurie
 57 First St.
 New Bedford Mass
 Richard F. Quinby
 183 Prindle St
 E. Boston Mass

ADDRESSES.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

ADDRESSES.

NAME.

Miss Emma Lyman

STREET, No.

3 Parker St.

CITY.

New Bedford, Mass.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

ADDRESSES.

1 NAME.

STREET, No.

CITY.

2 NAME.

STREET, No.

CITY.

3 NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

Colle
CALLS.

Rec'd.

NAME.

Returned.

<p>Patrol Sept 1875 New York Back of Tag. 1/2 Soap 1 foot</p>	<p>Patrol Sept 1875 New York Back of Tag. 1/2 Soap 1 foot</p>	<p>5.20 50 80</p>
---	---	---------------------------

CALLS.

Rec'd.

NAME.

Returned.

1896

1896

Miss [unclear]
[unclear]

CALLS.

Rec'd.

NAME.

Returned.



CALLS.

Rec'd.

NAME.

Returned.



Series of small illustrations

Rec'd.

NAME.

Returned.

194500113

2410

570

18

780 95

1/11

2440 is a Spunster wheel

1 Spunster wheel

260

15

240

1/5

170

720 (2 3/4)

570

150

15

9

3

LETTERS.

Rec'd.	NAME.	Answered.
	John D. Hall	10
	Lettie Scott	
	Mollie Lyroll	1-
	Wm. H. Thompson	1-
	E. W. Jones	2-
	Catherine Vaughan	1-
	John P. Stratton	1-
19	75	8
	76	
	77	
	78	
	79	
	80	
	81	
	82	
	83	
	84	
	85	
	86	
	87	
	88	
	89	
	90	
	91	
	92	
	93	
	94	
	95	
	96	
	97	
	98	
	99	
	100	

LETTERS.

Rec'd.	NAME.	Answered.
	James of, Seattle	
	John + Mary	
B. S.	Shawmut	
St.	Trinidad	
Dr.	George, Portage	
	French Man of War	
	March 28 - 1895	
J. S.	Chilinda	Port
L. S.	Peninsular	Port
L. S.	Quinnan	Port
John	Agoutigawa	Port
B. S.	Laurel	Port
	School Ship	Port
	Lyons	Port
	Lincoln	Port
	White Star	Port
S. S.	Timber	Port
	Pauline	Port

LETTERS.

Rec'd.	NAME.	Answered.
<p>United States New York Genoa France</p>	<p>Italy England Italy</p>	<p>Boston London Italy</p>
<p>Portugal " " " " " " American</p>	<p>Portugal " " " " " " American</p>	<p>Boston Porto Porto Brazil Boston</p>
<p>Portugal</p>	<p>Portugal</p>	<p>London</p>
<p>Portugal</p>	<p>Portugal</p>	<p>Portugal</p>
<p>1894 - 1895</p>	<p>1894 - 1895</p>	<p>1894 - 1895</p>

199

LETTERS.

Rec'd.	NAME.	Answered.
9th	874 of Daniels	
On	15th 1894	
Largest	11. 240 B	
May 8th	1895 295 B	
2nd	360	877
799	395	194
58	244	958
849	760	87
190/874	39	
760	2190	
114	39 12 1849/4	
24	190/760	
4 1/2	14. 89	
	5860	

LETTERS.

Rec'd.

NAME.

Answered.

15/5/95	Henry R.	14	75
16/5/95	June 4	13	8
17/5/95	July 30	80	84
18/5/95	Aug 2	16	96
19/5/95	Oct 21	21	8
20/5/95	Nov 22	10	10
21/5/95	Dec 3	12	11
22/5/95	Dec 2	2	12
1/9/95	Jan 9	60	B. 60
2/9/95	Feb 7	60	60
3/9/95	Mar 17	5	5
4/9/95	Apr 5	8	5
5/9/95	May 16	47	47
6/9/95	" 19	27	12
7/9/95	" 38	75	74
8/9/95	Sept 13	50	50

LETTERS.

Rec'd.

NAME.

Answered.

953		260
270		293
255		724
543		799
511		
54		
54		
240		139
1370		
1300		
520		
710		
14		
25		
430		
295		
7		2214
		320

LETTERS.

Rec'd.	NAME.	Answer
11	Baxter, E. J.	11
4	F. H.	12
11	W. H.	13
1	W. H.	14
1	W. H.	15
1	W. H.	16
1	W. H.	17
1	W. H.	18
1	W. H.	19
1	W. H.	20
1	W. H.	21
1	W. H.	22
1	W. H.	23
1	W. H.	24
1	W. H.	25
1	W. H.	26
1	W. H.	27
1	W. H.	28
1	W. H.	29
1	W. H.	30
1	W. H.	31
1	W. H.	32
1	W. H.	33
1	W. H.	34
1	W. H.	35
1	W. H.	36
1	W. H.	37
1	W. H.	38
1	W. H.	39
1	W. H.	40
1	W. H.	41
1	W. H.	42
1	W. H.	43
1	W. H.	44
1	W. H.	45
1	W. H.	46
1	W. H.	47
1	W. H.	48
1	W. H.	49
1	W. H.	50
1	W. H.	51
1	W. H.	52
1	W. H.	53
1	W. H.	54
1	W. H.	55
1	W. H.	56
1	W. H.	57
1	W. H.	58
1	W. H.	59
1	W. H.	60
1	W. H.	61
1	W. H.	62
1	W. H.	63
1	W. H.	64
1	W. H.	65
1	W. H.	66
1	W. H.	67
1	W. H.	68
1	W. H.	69
1	W. H.	70
1	W. H.	71
1	W. H.	72
1	W. H.	73
1	W. H.	74
1	W. H.	75
1	W. H.	76
1	W. H.	77
1	W. H.	78
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1	W. H.	80
1	W. H.	81
1	W. H.	82
1	W. H.	83
1	W. H.	84
1	W. H.	85
1	W. H.	86
1	W. H.	87
1	W. H.	88
1	W. H.	89
1	W. H.	90
1	W. H.	91
1	W. H.	92
1	W. H.	93
1	W. H.	94
1	W. H.	95
1	W. H.	96
1	W. H.	97
1	W. H.	98
1	W. H.	99
1	W. H.	100

24

44

$\frac{16}{55}$

16

10

2.12.6

75

85

80

15

20

65

20

25

60

2.5.3

2.01

7.12

5.30

5.31

5.10

6.00

1.27

8 485 163

12/28

part of 600.00

Oct 10 38

12 = 45

37 169.60

15 89.40

15 472.15

15 17.70

3 275.00

24.50

OTHBERT—In loving memory of our dear mother, Jane Outhbert, who died December 4th, 1893, in her 47th year, late of 26, Morland-street.

You are not forgotten, mother dear,
Nor ever shall you be;
As long as life and memory lasts
We shall remember thee.

GOURLEY—In sad but affectionate memory of Philip Stanley (Little Stanley), the beloved son of William and M. E. Gourley, who departed this life Dec. 4, 1894, at 168, Stanley-road, aged 13 months.

The little crib is empty now,
The little clothes laid by;
A mother's hope, a father's joy,
In death's cold arm doth lie.

JONES—In loving memory of Nellie, eldest daughter of H. and E. Jones, Ffynnongroew-road, Rhyl, who died 2d December, 1895, at Leeds, aged 24 years.

Peace, perfect peace, in this dark world of sin,
The blood of Jesus whispers peace within.
Sleep on, dear Nellie, sleep, and take thy rest,
We loved thee once, but Jesus loved thee best.

[H. L. JONES.]

O'BRIEN—In affectionate remembrance of our dear parents, Daniel and Margaret O'Brien, who departed this life on Dec. 5th and 28th, 1894, respectively. [Gone, but not for one brief moment forgotten.]

WRIGHT—In loving memory of James Herbert, aged 3 years and 7 months, who died December 5th, 1895; also of Louisa Emma, who died December 11th, 1895, of pneumonia, the beloved children of Alfred and Louisa Wright, 21, Ballington-street. [For ever with their Saviour.]

251 bags Bahia and 13 bags Vera Paz bought in ;
 101 barrels Jamaica sold—fair to good ordinary
 69/6 to 77/ ; 14 bags East Indian sold 74/6. Futures
 stronger. Santos—March sold 48/9 to 49/9 and
 49/6 per cwt. Receipts in Rio 9,000 bags ; Santos
 26,000 bags. Exchange 8⁵/₁₆d.

TEA.—The market closed quietly with prices
 easy, and privately business passing is quite un-
 important. Terminals quiet.

RICE market continues in a dull state.
 JUTE market steady with a quiet tone ; 1,500
 bales, first native marks, December-January
 steamer, London, sold at £13 15/ per ton c. f. & i.

HEMP.—Manila dull. Fair current December-
 January £18 per ton c. f. and i. sellers.

SHELLAC.—Market quiet ; 500 chests TN
 for February and May deliveries sold at 80/ per
 cwt.

OILS.—Cod £18 per tun ; linseed 15/3 to 15/10¹/₂ ;
 English brown rape 27/ ; crude cotton 13/3, refined
 15/3 to 16/, according to make and package.

TURPENTINE.—American Spirits 20/3 per
 cwt.

PETROLEUM.—American 5¹/₂d to 5⁹/₁₆d ;
 Russian 5¹/₁₆d per gallon on the spot.

LONDON PRODUCE CLEARING-HOUSE,
 LIMITED.

RIO
COFFEE.

10 30 2 30
a.m. p.m.

83°
SUGAR.

11 2 50
a.m. p.m.

TEA

CHINA. INDIA.
12 15 12 15
p.m. p.m.

SILVER

3
p.m.
Spot.

2.00 3 7/8 1 20 4

1894 4,235 barrels 2 198

Bill of Fare 738

Stew apple 1 45

160 bush 9 90

Bean soup 1 35

rice 90 5 47 1/2

Mush 45 95 47 1/2

Soft Bread 47 1/2

Cringli Bread 47 1/2

131 1/2

47 1/2

Pil 47 1/2 189

47 1/2 101 1/2

47 1/2

